

This Section provides an overview of the planning process; identifies the Nevada Hazard Mitigation (NHM) Planning Subcommittee 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). *The overall planning revision process was the same as in the previous update. Since the 2013 update, efforts have continued to track public education and outreach, and efforts in hazard mitigation were made by Nevada Hazard Mitigation and Planning Committee (NHMPC) and NHM Planning Subcommittee members. The plan continues to document Nevada’s participation in the U.S. Army Corps of Engineers’ Silver Jackets program.*

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.

ELEMENT	REQUIREMENTS
<p>S1. Does the plan describe the process used to develop the plan? [44CFR §§201.4(b) and (c)(1)]⁸</p> <p>Intent: To demonstrate a deliberative approach to plan development.</p>	<p>The plan must describe the current process used to update the plan, including how the plan was prepared, the schedule or timeframe, specific milestones and activities, the agencies and stakeholders who were involved in the process, and if the mitigation planning process was integrated to the extent possible with other state planning efforts.</p> <p>Agencies and stakeholders means state, local, and tribal agencies, colleges and universities, private entities, or private non-profit organizations, such as multi-jurisdictional utilities, that perform a critical function.</p> <p>Special Consideration: The plan must describe the planning process, but supporting documentation, such as meeting sign-in sheets and notes, does not need to be included in the plan itself. States are encouraged to retain supporting documentation as a permanent record of how decisions were made and who was involved.</p>

<p>S2. Does the plan describe how the state coordinated with other agencies and stakeholders? [44 CFR §§201.4(b) and (c)(1)]</p> <p><i>Intent:</i> <i>To actively involve stakeholders with the data and expertise to develop the plan, but also with the responsibility or authority to implement mitigation actions and reduce risk state-wide.</i></p>	<p>The plan must describe how other state and Federal agencies and other stakeholders were involved in the process. At a minimum, the plan must describe how the state coordinated with other agencies and stakeholders responsible for the following sectors:</p> <ul style="list-style-type: none"> a. Emergency management; b. Economic development; c. Land use and development; d. Housing; e. Health and social services; f. Infrastructure; and g. Natural and cultural resources. <p>Where coordination with agencies and stakeholders representing these sectors is not practicable, the plan must describe the limitations.</p> <p><i>Involved in the process</i> means engaged as participants and given the chance to provide input to affect the plan’s content.</p> <p><i>Special Consideration:</i> While coordination with other agencies and stakeholders is foundational to the success of the plan update as well as implementation, FEMA acknowledges the inherent differences in state governance and capabilities. In evaluating coordination, FEMA will credit the state’s efforts to engage other agencies and stakeholders.</p>
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⁷44 CFR §201.4(c)(1): “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.”

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2.1.1 How the Updated Plan was Prepared

The NHM Planning Subcommittee followed the method for updating the plan presented in Section 6.1.4 of the 2013 NHMP. What follows is a narrative summary of how this was accomplished:

In May of 2015, the NHM Planning Subcommittee met to discuss the 2018 HMP update and modifications to the hazard profiles documented in Section 3. The subcommittee continually provided direction and expertise throughout the update process. The planning team solicited input from the subcommittee members and other agencies with the expertise needed to address the required State Mitigation Plan Review Guide elements revisions for each Section. Each section of the plan was reviewed, analyzed, and updated before presenting them to the subcommittee members. The subcommittee members would provide input as needed. Members from the NHM Planning Subcommittee present updated sections to the NHMPC for final approval. Table 2-4 in Section 2.1.4 lists each planning team work session and accomplishments.

Proposed updates to sections were emailed to subcommittee members prior to quarterly NHM Planning Subcommittee meetings, and were presented at the meetings where revisions were discussed and feedback provided in the weeks following. If no changes were made, the new sections were incorporated into the NHMP update.

2.1.2 Who Was Involved in the NHMP Update Process

In order to prepare the 2018 update to NHMP, the NHM Planning Subcommittee reevaluated FEMA’s State Mitigation Plan Review Guide comments and the Annual Review Questionnaire to identify any stakeholders whose participation would be invaluable to the planning process or to mitigation actions. Based on this review, the Planning Team drafted a letter of invitation and a list of potential stakeholders to whom the invitation was sent some responded and some did not. The resultant NHM Planning Subcommittee participating members and their proxies are 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:

Table 2-1. Membership of the Nevada Hazard Mitigation Planning Subcommittee and alternates (as of April 2018)

Table 2-1. NHM Planning Subcommittee Members	
<p>Nevada Division of Emergency Management Jim Walker Emergency Management Programs Manager 2478 Fairview Drive Carson City, NV 89701 Ph: (775) 687-0305 Email: james.walker@dps.state.nv.us</p>	<p>Nevada Department of Agriculture Dr. Keith Forbes, D.V.M. Veterinary Diagnostician 350 Capitol Hill Reno, NV 89502 Ph: (775) 353-3707 E-mail: keith.forbes@agri.state.nv.us</p>
<p>Nevada Division of Environmental Protection Harold Dawson Info: Jeff Collins, Rebecca Bodnar 901 South Stewart Street Carson City, NV 89470-5249 Ph: (775) 687-9480 E-mail: hdawson@ndep.nv.gov, jrcollins@ndep.nv.gov, Rebecca.bodnar@ndep.nv.gov</p>	<p>Churchill County Emergency Management Mike Heidemann Emergency Manager 155 N. Taylor St., Suite 177 Fallon, NV 89406 Ph: (775) 428-1311 E-mail: mheidemann@churchillcounty.org</p>
<p>Nevada Division of Water Resources Bunny Bishop State Floodplain Manager 901 South Stewart St., Suite 2002 Carson City, NV 89701 Ph: (775) 684-2834 E-mail: bbishop@water.nv.gov</p>	<p>Dept of Admin./ Risk Mgmt. Division Vacant Info: Maureen Martinez Safety Specialist Consultant 201 South Roop St., Suite 201 Carson City, NV 89701 Ph: (775) 687-3190/881-8892 E-mail: memartinez@risk.state.nv.us</p>

<p>City of Las Vegas Office of Emergency Mgmt. Rick Diebold 7551 Sauer Ave Las Vegas, NV 89128 Ph: (702) 229-0067</p>	<p>Nevada Division of Insurance Rajat Jain Chief Insurance Examiner, Property & Casualty Section Nevada Division of Insurance 1818 E. College Pkwy., Suite 103 Carson City, NV 89706 Ph: (775) 687-0774 E-Mail: rjain@doi.nv.us</p>
<p>City of North Las Vegas Office of Emergency Mgmt. Carlito Rayos Emergency Manager 4040 Losse Rd North Las Vegas, NV 89030 Ph: (702) 633-2145 E-mail: rayosc@cityofnorthlasvegas.com</p>	<p>Inter-Tribal Emergency Response Commission Dan Hourihan Director 680 Greenbrae Dr., Ste 228 Sparks, NV 89431 Ph: (775) 355-0600 Ext. 154 Email: dhourihan@itcn.org</p>
<p>Nevada Division of Emergency Management Bill Elliott Lead Planner 2478 Fairview Dr. Carson City, NV 89701 Ph: (775) 687-0308 E-mail: welliott@dps.state.nv.us</p>	<p>Nevada Bureau of Mines and Geology Craig dePolo Research Geologist/NHMPC Chair MS 178/University of Nevada, Reno Reno, NV 89557-0178 Ph: (775) 682-8770 E-mail: cdepolo@unr.edu</p>
<p>Nevada Division of Forestry Ryan Shane Info: Scott Rasmussen Community Protection 2478 Fairview Drive Carson City, NV 89701-5250 Ph: (775) 684-2511 E-Mail: rshane@forestry.nv.gov E:Mail: sarasmussen@forestry.nv.gov</p>	<p>State Public Works Board Branden Pearson Project Coordinator III 515 East Musser St. Carson City, NV 89701 Ph: (775) 684-4114 E-mail: bpearson@admin.nv.us</p>
<p>Nevada State Hospital Association Chris K. Lake, Ph.D. <i>Executive Director, Hospital Preparedness</i> 5190 Neil Road, Suite 400 Reno, NV 89502 Ph: (775) 827-0184 E-Mail: chris@nvha.net</p>	<p>Nevada Department of Transportation Vacant Supervisor II – Associate Engineer 1301 Old Hot Springs Rd. Carson City, NV 89706 Ph: (775) 888-7862 E-mail: @dot.state.nv.us</p>

<p>National Weather Service/Reno Chris Smallcomb Warning Coordination Meteorologist 2350 Raggio Parkway Reno, NV 89512 Ph: (775) 673-8100 x223 E-mail: chris.smallcomb@noaa.gov</p>	<p>STAFF: Nevada Division of Emergency Management Janell Woodward State Hazard Mitigation Officer 2478 Fairview Dr. Carson City, NV 89701 Ph: (775) 687-0314 E-mail: jwoodward@dps.state.nv.us</p>
<p>Nevada Threat Analysis Center Selby Marks 2478 Fairview Drive Carson City, NV 89701 Ph: (775) 687-0452 E-mail: smarks@dps.state.nv.us</p>	<p>Nevada Division of Emergency Management Karen Johnson Mitigation Specialist 2478 Fairview Dr. Carson City, NV 89701 Ph: (775) 687-0373</p>
<p>State Fire Marshal Bart Chambers 107 Jacobsen Way, Stewart Facility Carson City, NV 89711 Ph: (775) 684-7525 E-mail: bchambers@dps.state.nv.us</p>	<p>Nevada Bureau of Mines and Geology Rachel Micander Analyst - GIS and Cartography MS 178/University of Nevada, Reno Reno, NV 89557-0178 Ph: (775) 682-8772 E-mail: rmicander@unr.edu</p>
<p>State Historical Preservation Office Vacant 100 N. Stewart St. Carson City, NV 89701 Ph: Email:</p>	<p>Nevada Bureau of Mines and Geology Sydney Wilson Cartographer/GIS Specialist MS 178/University of Nevada, Reno Reno, NV 89557-0178 Ph: (775) 682-6346 E-mail: sydneywilson@unr.edu</p>
	<p>FEMA Region IX Juliette Hayes Deputy Branch Chief 1111 Broadway, Suite 1200 Oakland, CA 94607 Ph: (510) 627-7211 E-Mail: juliette.hayes@fema.dhs.gov</p>

	<p>FEMA Region IX Alison Kearns Lead Community Planner 1111 Broadway, Suite 1200 Oakland, CA 94607</p>
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Nevada Revised Statutes on Open Meetings were followed in publicly posting scheduled meetings of the NHM Planning Subcommittee. Participation from the public in the planning process was also solicited via postings in the online quarterly meeting agendas, on the NHMPC and Nevada DEM websites, and on social media mitigation sites (Facebook, Twitter) maintained by Nevada DEM requesting input and feedback on mitigation issues and activities. To date there has been no direct public feedback received in response to these postings; however, we still feel it is important to keep them updated and current as a resource for the public to access freely.

Information about the plan update and the planning process was presented by NESC 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 firefighters. Nevada 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.

All members of the NHM Planning Committee 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, Homeland Security Working Group, Nevada Hospital Association, State Public Works Division, Intertribal Council of Nevada, Nevada Insurance Council, and many other educational and civic groups. Through contact with groups such as these, the subcommittee 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.

2.1.3 How Other Agencies Participated in the NHMP Update Process

Other agencies participated by serving as members of the NHM Planning Subcommittee and by providing oversight and direction of the update process. When additional information was required to comply with State Mitigation Plan Review Guide 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

Table 2-2. Documentation of Agency Participation in Update Process	
Carson City Fire Department	Provides input on Wildland Urban Interface (WUI) fire risks and mitigation strategies to reduce WUI fire risk
Carson City Office of Emergency Management	Provides input on mitigation of Wildland-Urban Interface fires, flooding, earthquake, hazardous materials, etc.
City of Las Vegas Office of Emergency Management	Represents the interests of Clark County’s Hazard Mitigation Committee on the State Mitigation Planning Subcommittee.
FEMA Region IX	Provides FEMA guidance to the Subcommittee in revising the NHMP.
National Weather Service - Reno	Provides data on weather-related hazards to aid in the revision and update of the NHMP at quarterly meetings and via email.
Nevada Attorney General’s Office	Provides legal counsel to the Subcommittee and language revisions used in the updated plan. Ensures compliance with Nevada Revised Statutes in all updated material in the NHMP.
Nevada Bureau of Mines and Geology	Provides geologic information, editorial and technical assistance, GIS data, and support personnel to the Subcommittee to aid in the revision and update of the NHMP.
Nevada Department of Administration/ Division of Risk Management	Provides insurance, safety, loss prevention and risk management data used to update the NHMP.
Nevada Department of Agriculture	Provides information regarding agriculture and related industries to the Subcommittee for use in updating the NHMP
Nevada Department of Cultural Affairs, State Historical Preservation Office	Provides technical assistance to the Subcommittee regarding preservation of Nevada's historic and cultural resources. Provides Unreinforced Masonry Building (URM) data regarding historical buildings to the Subcommittee to aid in the revision and update of the NHMP.
Nevada Department of Transportation	Provides leadership and direction to the Subcommittee in updating the NHMP; identified state transportation-related infrastructure vulnerable to hazards; and updated hazard data tables at quarterly meetings and via email.
Nevada Dept. of Conservation & Natural Resources	Provides data and information to the NHMP committee for use in updating the NHMP specifically pertinent to infestation, epidemic, flood, Hazmat, wildfire, and other sections.
Nevada Dept. of Wildlife	Provides expert input and data on invasive species.
Nevada Division of Emergency Management	Provides personnel, resources, research, and data used to update the NHMP. Provides a link between FEMA Region IX and the

Table 2-2. Documentation of Agency Participation in Update Process	
	Subcommittee. Provides disaster response and recovery information to the Subcommittee.
Nevada Division of Environmental Protection	Provides the Subcommittee with input relating to air quality, water quality, and hazardous materials used in updating the NHMP.
Nevada Division of Forestry	Provides input on Wildland Urban Interface (WUI) fire risks, and mitigation strategies to reduce WUI fire risk at quarterly meetings and via email.
Nevada Division of Insurance	Provides direction to the Subcommittee to promote hazard mitigation in the private sector to enhance its benefits to reducing risk at quarterly meetings and via email.
Nevada Division of Public Works	Provides information regarding facilities infrastructure to the Subcommittee to aid in the revision and update of the NHMP.
Nevada Division of Water Resources	Provides 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 Earthquake Safety Council (NESC)	Provides input on earthquake safety and hazards used in updating the NHMP.
Nevada Public Agency Insurance Pool	Provides data on Unreinforced Masonry Buildings (URM) data to the Subcommittee to aid in the revision and update of the NHMP at quarterly meetings.
Nevada State Emergency Response Commission	Provides expertise on hazardous materials profile and permitting in plan updates.
Nevada State Fire Marshal's office	Provides information regarding fire and Hazmat hazard in the state to the Subcommittee for plan updates.
Nevada State Hospital Association	Provides critical facilities information to the Subcommittee used to update the NHMP and supports the implementation of mitigation activities in hospitals statewide.
Sierra Avalanche Center	Provides expertise and historical input regarding avalanche hazards.
U. S. Army Corps of Engineers	Provides input on mitigation of flood hazards through frequent meetings and teleconferences with committee members.
U. S. Bureau of Land Management	Provides input on mitigation of Wildland-Urban Interface fires through quarterly meetings.
U. S. Dept. of Agriculture	Provides data and information to the Subcommittee for use in updating the NHMP specifically pertinent to infestation, epidemic, Hazmat, wildfire, and other sections through interactions with committee members at a variety of meetings.

Table 2-2. Documentation of Agency Participation in Update Process	
U. S. Forest Service	Provides input on mitigation of Wildland-Urban Interface fires through interaction with Subcommittee members at quarterly meetings.
U. S. Geological Survey	Provides input on mitigation of flood and earthquake hazards through interactions with committee members at a variety of meetings.
University of Nevada, Reno Dept. of Geological Sciences	Provides geological and historical input on avalanche, tsunami, earthquake, and landslide hazards.
University of Nevada Seismological Laboratory	Provides technological, geological, and historical input on earthquake hazards through interactions with committee members at a variety of meetings.
Washoe Tribe (Nevada & California)	Provides 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 presented 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 progress made at NHM Planning Committee and Subcommittee quarterly meetings.

Table 2-3. Documentation of NHM Planning Team Meetings		
Date	Update Planning Team Participants	What was accomplished
March 2015	Debbie Tanaka, Karen Johnson	Grant out funds for Drought Risk Assessment to be included in the 2018 state plan update, Desert Research Institute
26 March 2015	Debbie Tanaka, Karen Johnson, Rachel Micander, Craig dePolo, Jim Faulds, Linda Goar, Jennifer Vican, Irene Seelye	Coordination effort between NDEM and NBMG in order to establish needs for the 2018 HMP update, MyPLAN, and HAZUS runs.

Table 2-3. Documentation of NHM Planning Team Meetings

4 May 2015	Karen Johnson, Rachel Micander	Review HMP update schedule and determine where public outreach should be incorporated into the plan.
20 August 2015	Karen Johnson, Rachel Micander	Discussed updates needed for the Volcano section and if there was any new data that should be taken into consideration for the Volcano, Landslide, or Expansive Soils sections. Set up shared folders in Nevada Box so data could be shared easily.
26 April 2016	Karen Johnson, Rachel Micander	Discuss what would be needed to update the public awareness section. Work on cataloging and documenting outreach efforts. Discuss mitigation actions and updates to sections to determine responsible parties.
16 August 2016	Karen Johnson, Janell Woodward, Rachel Micander	Meeting with FEMA Region IX to discuss new requirements for 2018 enhanced plan status. Discussed a need for FEMA training catered to updating state plans. Discussed losses avoided studies, mitigation projects completed in Nevada, and future conditions and climate change incorporation into the state plan.
25 July 2017	Craig dePolo, Rachel Micander, Jennifer Vlcán	Discuss updates and needs for the October subcommittee meeting. Assign sections and subsections to Irene Seelye for review and coordination. Send section 3.5 and 3.5 to NDF, NDWR, and NBMG for review and updates.
8 August 2017	Rachel Micander, Irene Seelye	Determined remaining hazard profiles that needed finalization. Send reminder emails to confirm. Send spreadsheet for outreach tracking to subcommittee.
15 August 2017	Janell Woodward, Rachel Micander	Discussed status of the state plan update. Reviewed information needed to update Sections 5 and 6. Discussed the future update of Section 4, which Janell would send out to the committee. Discussed the Plan Review Tool (formerly Crosswalk) what will be submitted to FEMA in June 2018. Reviewed guidelines and timeframe. Reviewed appendix J fire maps and differences from 2013 plan update.
August – September 2017	Rachel Micander, Irene Seelye	Incorporate all approved hazard profiles into section 3. Update Appendix E and M. Add new appendix J to HMP.
6 September 2017	Rachel Micander, Craig dePolo, Irene Seelye, Jennifer Vlcán	Discussed updates needed to complete Appendix F. Updated Peak Ground Acceleration map in interactive MyPLAN and MyHAZARDS map. Sent avalanche hazard profile to Richard Penniman for review.

Table 2-3. Documentation of NHM Planning Team Meetings		
13 September 2017	Rachel Micander, Craig dePolo, Irene Seelye, Jennifer Vican	Discussed what would be needed from NBMG staff to complete the update of the state plan prior to May 2018.
4 October 2017	Rachel Micander, Irene Seelye, Sydney Wilson, Jennifer Vican	Assigned tasks to Sydney and Irene. Begin updating tables 3-33 and 3-34. Received disaster declarations from Janell Woodward. Filed to incorporate into the HMP. Sent sections 5 and 6 to Janell Woodward for review.
23 October 2017	Rachel Micander, Irene Seelye, Sydney Wilson	Work continued contacting tribes for updated HMP information. State populations updated with 2017 data. Reviewed sections 8 and 2 and flagged questions. Edits to sections 3.5 and 3.7 were incorporated into the HMP. Appendix F completed.
31 October 2017	Rachel Micander, Irene Seelye, Sydney Wilson, Craig dePolo	Completed Appendix H. Discussed section 8 updates and questions. Sent revised section 8 to Craig for review.
2 November 2017	Rachel Micander, Sydney Wilson	Reviewed Appendix P and the outreach tracking tables. Discussed what should be added or removed and determined best methods to capture new outreach data. New Nevada flood brochure received from the Silver Jackets. Began review of Section 2 – planning process.
13 November 2017	Rachel Micander, Irene Seelye, Sydney Wilson	Replaced crosswalks in section 2. Sent email to Dr. Watters in Geosciences asking about input on the avalanche section.
4 December 2017	Rachel Micander, Sydney Wilson, and Janell Woodward	Discuss progress review of sections 2, 5, 6, and 8 following the Subcommittee meeting
9 January 2018	Janell Woodward, Bill Elliot, Craig dePolo, Rachel Micander, Sydney Wilson, Jennifer Vican	Review status of updates, delegate work to be completed, discuss upcoming subcommittee meetings
10 January 2018	Rachel Micander, Sydney Wilson	Review progress, assign work, and update schedule. Create new schedule to follow for the remaining plan update period.
17 January 2018	Rachel Micander, Sydney Wilson	Complete review of section 6 and send red-line copy to Janell for distribution to subcommittee. Review section 8 and address questions to send to Janell. Review section 3, comment, and flag questions to send to Craig for review.
26 January 2018	Rachel Micander	Update tracking list and send to planning participants for review.

Table 2-3. Documentation of NHM Planning Team Meetings

24 January 2018	Rachel Micander, Sydney Wilson	Update appendix I, add new meeting minutes and agendas to appendix D, create appendix M with new THIRA from Janell. Review infestation.
31 January 2018	Sydney Wilson, Rachel Micander	Begin update of section 0.
2 February 2018	Sydney Wilson	Incorporate questions for subcommittee into Section 2.
5 February 2018	Rachel Micander, Sydney Wilson	Prepare section 5 red-line to send to Janell. Add revised flood profile to Section 3.
13 February 2018	Jennifer Vlcan, Sydney Wilson	Discuss remaining items to prepare for the subcommittee meeting, and update tracking list. Flag Section 4 and send to Janell for review. Prepare and send Janell section 2 red-line.
20 February 2018	Rachel Micander, Jennifer Vlcan, Janell Woodward, Sydney Wilson	Discuss remaining questions in Sections 3, 4, and 8. Discuss remaining items that need to go out to the subcommittee prior to the February 26, 2018 meeting.
21 February 2018	Rachel Micander, Sydney Wilson	Review buildings and critical facilities list. Continue updates to section 0 and 7. Climate notes added to each hazard profile. Erionite and Asbestos update for HAZMAT profile review.
22 February 2018	Rachel Micander, Sydney Wilson	Begin plan review guide check. Send sections to Janell Woodward for distribution to subcommittee
26 February 2018	Rachel Micander, Sydney Wilson	Reviewed meeting items, printed Erionite section for distribution at subcommittee meeting.
26 February 2018	Full Subcommittee	Reviewed questions in sections completed to date. Reviewed outreach and enhanced components. Reviewed STAPLEE.
27 February 2018	Rachel Micander, Sydney Wilson	Send emails to subcommittee members requesting clarification in sections 2, 3, and 5. Compile list of questions for distribution to the subcommittee and highlight priorities.
28 February 2018	Rachel Micander, Sydney Wilson	Send to hazard profiles for distribution to NHMPC. Add Erionite and NOA to HAZMAT hazard profile. Edit and format appendix K. Edit section 8.4.2
1 March 2018	Rachel Micander, Sydney Wilson	Review FEMA plan review guide. Check requirements and elements.
6 March 2018	Rachel Micander, Craig dePolo	Review notes from NHMP Committee meeting. Check hazard rankings by county and update.

Table 2-3. Documentation of NHM Planning Team Meetings		
7 March 2018	Rachel Micander	Updates from Bunny Bishop incorporated into section 8.
8 March 2018	Rachel Micander	Review all of section 3. Edit and update. Remove Terrorism at the request of the NHMP Committee. Add HAZMAT to hazard profile section. Update critical facilities table and include number of buildings and amounts. Update critical facilities definition.
9 March 2018	Sydney Wilson	Outreach and activities added to appendix O and P. Referenced added to section 7 and formatted. Begin compilation of table of contents. Table and figure numbers assigned to all appendices. New information added to section 8.
12 March 2018	Rachel Micander	Update section 2 with new information from NDEP. Finalize and add HAZMAT profile to section 3.
2 April 2018	Rachel Micander, Sydney Wilson, Janell Woodward, Bunny Bishop	Review entire plan. Discuss sections 2, 5, and 8 in detail. Update sections as needed and discuss agenda for next subcommittee meeting. Add new information to tables in Section 5, add detailed information regarding the planning process and local coordination.
3 April 2018	Sydney Wilson, Rachel Micander	Update all sections with new information and edit. Post completed sections to website for subcommittee review in preparation for the next subcommittee meeting. Edit Section 5
5 April 2018	Sydney Wilson, Rachel Micander	Post Section 4 to website. Gather additional information for Section 3. Complete appendix S/T and W.
18 April 2018	Rachel Micander, Sydney Wilson	Re-letter all appendices, check section numbers, update sections with additional details, make edits to HAZMAT section from NDEP, update references, accept all changes for committee meeting. Post new documents to website for committee review.

Table 2-4. NHM Planning Subcommittee Meetings	
Meeting Date	What was accomplished
May 2015	Update on the status of mitigation actions, reviewed the benefits of the subcommittee efforts, and discussed the state hazard mitigation plan exercise.
July 2015	Update of the state enhanced hazard mitigation plan epidemic section.
October 2015	No quorum achieved

Table 2-4. NHM Planning Subcommittee Meetings	
January 2016	Update of the Volcano and Tsunami/Seiche sections of the HMP were introduced and discussed.
April 2016	Update of the drought hazard profile was introduced and discussed. The hazardous materials profile was introduced, but was not finalized. The terrorism enhanced profile was introduced and discussed.
July 2016	No quorum achieved
October 2016	A nomination and vote for a new co-chair of the subcommittee was conducted – Bunny Bishop was elected co-chair. The updates of the landslide, expansive soils, and land subsidence profiles were introduced and discussed. The extreme weather hazard profile was introduced and discussed.
January 2017	Meeting canceled due to active flooding and disaster mitigation efforts in Northern Nevada.
April 2017	Discussed the collection of member input on public awareness and education in hazard mitigation and actions. The update of the wildfire hazard profile was introduced and discussed. The update of the flood hazard profile was discussed and determined that more updating was needed.
July 2017	Continued discussion of public awareness and education activities and it relates to hazard mitigation and planning actions.
October 2017	No quorum achieved
December 2017	Review public awareness and education activities to date. Infestation update reviewed and discussed. Final review will be discussed at the next meeting. The earthquake profile update was approved. The flood hazard profile was approved.
February 2018	Review public awareness and education activities to date. Asked for additional information to be sent to Janell for incorporation into the state plan. Infestation section reviewed and approved. Avalanche section reviewed and approved. HAZAMAT section reviewed and approved pending additional changes. STAPLE E form discussed and requested to be submitted within 48 hours of the subcommittee meeting. All sections reviewed. Specific questions in sections 2, 3, and 8 were directed at the subcommittee members requiring answers.
April 2018	Review and approve entire plan. Prep for full committee review.

2.1.5 Which Sections of NHMP Were Revised in the Update Process

Table 2-5 below indicates which sections of the NHMP were revised as part of the 2018 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 above in the Planning Team meeting accomplishments.

Table 2-5. NHMP Revised Sections		
Description	Updates Made Y/N?	Date Approved by NHMPC
Introduction	Y	
Section Zero - Overview	Y	4/24/2018
Section One – Adoption	Y	4/24/2018
Section Two – Planning	Y	4/24/2018
Section Three – Risk Assessment	Y	4/24/2018
Section Four – Mitigation Strategy	Y	4/24/2018
Section Five – Local Coordination	Y	4/24/2018
Section Six – Plan Maintenance	Y	4/24/2018
Section Seven - References	Y	4/24/2018
Section Eight – Enhanced Plan	Y	4/24/2018
Appendix A - Adoption Resolution Document	Y	4/24/2018
Appendix B - Participating Organizations	Y	4/24/2018
Appendix C – NHMP Committee, Subcommittee & Bylaws	Y	4/24/2018
Appendix D - Meeting agendas and minutes	Y	4/24/2018
Appendix E - NV Admin Code Application for Emergency Assistance	N	4/24/2018
Appendix F - HAZUS Earthquake Maps	Y	4/24/2018
Appendix G – List of Dams by County	Y	4/24/2018
Appendix H –HAZUS Flood Maps for NV Rivers	Y	4/24/2018
Appendix I - Federal and State Assurances	Y	4/24/2018
Appendix J – Wildfire Maps: Counties & State-Owned Buildings	Y	4/24/2018
Appendix K – Extreme weather data	Y	4/24/2018
Appendix L – Estimated Losses from Earthquakes near Nevada Communities	Y	4/24/2018
Appendix M – (New) Threat and Hazard Identification and Risk Assessment Executive Summary (THIRA)	Y	4/24/2018
Appendix N– WSSPC Policies	Y	4/24/2018
Appendix O – Completed Mitigation Activities	Y	4/24/2018
Appendix P –Public Outreach	Y	4/24/2018
Appendix Q – Nevada Ditches List & Reno Area Map	Y	4/24/2018

Table 2-5. NHMP Revised Sections		
Appendix R – (New) State Mitigation Plan Review Guide	Y	4/24/2018
Appendix S – (New) Assessment of Drought Resiliency in Rural Northern Nevada	Y	4/24/2018
Appendix T – (New) Loss Avoidance Study	Y	4/24/2018
Appendix U – (New) Radiological Emergency Response Plan	Y	4/24/2018

2.2 COORDINATION AMONG AGENCIES

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

ELEMENT	REQUIREMENTS
<p>S1. Does the plan describe the process used to develop the plan? [44 CFR §§201.4(b)⁷ and (c)(1)⁸]</p> <p><i>Intent:</i> To demonstrate a deliberative approach to plan development.</p>	<p>The plan must describe the current process used to update the plan, including how the plan was prepared, the schedule or timeframe, specific milestones and activities, the agencies and stakeholders who were involved in the process, and if the mitigation planning process was integrated to the extent possible with other state planning efforts.</p> <p>Agencies and stakeholders means state, local, and tribal agencies, colleges and universities, private entities, or private non-profit organizations, such as multi-jurisdictional utilities, that perform a critical function.</p> <p>Special Consideration: The plan must describe the planning process, but supporting documentation, such as meeting sign-in sheets and notes, does not need to be included in the plan itself. States are encouraged to retain supporting documentation as a permanent record of how decisions were made and who was involved.</p>

<p>S2. Does the plan describe how the state coordinated with other agencies and stakeholders? [44 CFR §§201.4(b) and (c)(1)]</p> <p><i>Intent:</i> To actively involve stakeholders with the data and expertise to develop the plan, but also with the responsibility or authority to implement mitigation actions and reduce risk state-wide</p>	<p>The plan must describe how other state and Federal agencies and other stakeholders were involved in the process. At a minimum, the plan must describe how the state coordinated with other agencies and stakeholders responsible for the following sectors:</p> <ul style="list-style-type: none"> h. Emergency management; i. Economic development; j. Land use and development; k. Housing; l. Health and social services; m. Infrastructure; and n. Natural and cultural resources. <p>Where coordination with agencies and stakeholders representing these sectors is not practicable, the plan must describe the limitations.</p> <p><i>Involved in the process</i> means engaged as participants and given the chance to provide input to affect the plan's content.</p> <p><i>Special Consideration:</i> While coordination with other agencies and stakeholders is foundational to the success of the plan update as well as implementation, FEMA acknowledges the inherent differences in state governance and capabilities. In evaluating coordination, FEMA will credit the state's efforts to engage other agencies and stakeholders.</p>
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⁷44 CFR §201.4(c)(1): "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."

⁸44 CFR §201.4(c)(1): "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."

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.

In addition to being represented on the NHM Planning Committee and Subcommittee, Nevada's Tribal nations also work directly with FEMA in their planning process due to increased funding opportunities. The state continues to provide the tribes with technical assistance in their planning as requested.

The Wildland Urban Interface (WUI) is composed of multiple state and federal agencies that include U.S. Bureau of Land Management, 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 (NHMPC) 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. It also includes members of the Nevada Division of Forestry with expertise in wildfire mitigation. They provide wildfire mitigation goals and strategies and review proposed updates to the plan. The NHMPC also includes members from agencies such as NBMG with expertise in earthquake hazard mitigation who provide mitigation goals and strategies for earthquake hazards 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 Nevada DEM 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 Nevada DEM website (www.dem.state.nv.us) and provide input directly to the SHMO for use in the planning process. Notice is also provided to these groups through Facebook and Twitter.

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

Public involvement is considered an important part of the planning process and helps address the needs of our citizenry. The subcommittee has determined that public involvement efforts must continue to 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. The maintenance of the MyPlan website has continued to greatly increased the ability of the committee to make planning resources easily available to the locals and also provides them with a medium for communication of needs as well. The Planning Subcommittee and the NHMPC continue to move the NHMPC meetings to venues located around the state in local communities in an effort to elicit more participation from the public and local officials. These efforts continue to produce much additional public participation and interaction among stakeholders at both the local and state levels. The rural meeting venues provide valuable opportunities for networking and exchange of information on mitigation resources and concerns regarding local hazards. These NHMPC meetings in the local communities will continue, while funding is available, in order to provide support for local plan maintenance and development of additional tribal plans.

In order to encourage more direct public participation in the future plan update process, a PowerPoint presentation on the purpose of the NHMPC and its mitigation program was developed and is available for educational and awareness use in public presentations and speaking engagements across the state.

NHM Planning Committee and Subcommittee members continue to present outreach and awareness activities to other groups, concerned citizens, and the public. This information can be found in Appendix P.

These are examples of some of the venues where hazard mitigation information is shared with the public. This is by no means a comprehensive listing of all such activity by NHM Planning Committee and Subcommittee members.

While there are vacant positions within the subcommittee, the planning committee continues to reach out to and contact individuals specializing in all aspects needed to update the state plan. The subcommittee continues to look for additional stakeholders to assist with the planning process.

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. A WUI conference, held by the Nevada Network of Fire Adapted Communities organization, is scheduled for March 2018, and offers attendees hands-on training and interactive sessions on the challenges of wildland fire. This is the 4th annual conference

For more information about the WUI conference, see: <http://www.livingwithfire.info/wui-fire-summit>

<https://www.iafc.org/events/wui/about>

This has resulted in both reduced fire risk to homes and businesses and increased awareness of funding opportunities to communities for implementing strategies.

NESC issues and strategies continue to be included in the earthquake hazard mitigation update process. The MyPLAN web application, developed during the last plan update cycle continues to be maintained and updated by NBMG. Both HAZUS and MyPLAN are used in assessing earthquake risk 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.

In 2015, Governor Sandoval established the Nevada Drought Forum. The purpose of the forum, according to the Department of Conservation and Natural Resources, is to “bring together the best minds, managers and all interested stakeholders to assess the drought in Nevada, identify best conservation practices and policy needs, and make recommendations to the Governor regarding next

steps.” Drought Forum members and partners include a variety of federal, state, and local/regional agencies. For a complete list of members and partners, and to learn more about the Drought Forum, please see:

<http://dcnr.nv.gov/divisions-boards/nevada-drought-forum/about-the-drought-forum>

The National Oceanic and Atmospheric Administration’s (NOAA) Weather Ready Nation Ambassador initiative was developed to give their partners a means to show their commitment to being prepared for environmental hazards. Ambassadors help promote the concepts of a Weather Ready Nation by staying weather aware, personal responsibility and setting an example. The initiative is open to the public and private sector. For more information, please see: <https://www.weather.gov/wrn/ambassadors>

2.2.4 Silver Jackets Program

Federal agencies, including the U.S. Army Corps of Engineers (USACE), the Federal Emergency Management Agency (FEMA), the Natural Resources Conservation Service (NRCS), the National Weather Service (NWS), and the U.S. Geological Survey (USGS) are partnering to form a unified forum to address Nevada’s flood risk management priorities. Developed at the state level, Nevada Division of Emergency Management and the Nevada Division of Water Resources have formed an active Silver Jackets program (<http://silverjackets.nfrmp.us/State-Teams/Nevada>) that provides a formal and consistent strategy for an interagency approach to planning and implementing measures to reduce the risks associated with flooding and other natural hazards. The silver jackets have completed various team activities. In 2016, USACE and NDWR partnered together on Dam Safety Outreach for Non-Corps Dams, which helped raise awareness on how dams play a role in flood risk management. In February 2017, the Pyramid Lake Paiute Tribe, USACE, NDWR, and Nevada DEM worked together to create a flood management plan for the Pyramid Lake Indian Reservation. Furthermore, in 2017, the Silver Jackets developed and published the *Flood Awareness Guide for Nevada*, a booklet developed to help communities in Nevada understand their flood risks (located in Appendix P). A computer game for K-12 students called Flood Fighter: Nevada, was created in 2017, and educates its users on the importance of flood control. Involvement from other federal, state, regional, local, and tribal groups within this program will improve and increase flood risk communication with a unified interagency message and help collaboration on flood mitigation, response, and recovery.

2.2.5 Nevada Division of Environmental Protection

The Nevada Division of Environmental Protection (NDEP) is the primary state agency charged with coordinating state, federal and private resources to detect, identify, contain, clean up, dispose of, and minimize releases of hazardous substances; and preventing, mitigating, or minimizing the threat of potential releases. To this end, the Environmental Assistance Program (EAP) operates within the NDEP Bureau of Corrective Actions to coordinate hazard mitigation and response activities for various NDEP Bureaus. The Bureaus provide hazard mitigation through both short-term and long-term activities that reduce the cause or occurrence of hazards; reduce exposure to hazards; or reduce effects of hazards. Descriptions of individual NDEP Bureau emergency response and mitigation activities are provided below:

- Bureau of Air Pollution Control (BAPC) - As identified in Section 3.3.11.2 (Identification of Hazardous Materials Releases) in this plan, fixed site facilities are potential sources of

hazardous material releases. Currently, the Chemical Accident Prevention Program (CAPP) (housed in the BAPC) requires fixed site facilities handling highly hazardous substances in quantities less than the program threshold quantities, to become subject to CAPP regulatory oversight after having two accidental releases within a 12-month period. Through mitigation plans, CAPP requires these facilities to ensure the safe and adequate handling of hazardous chemicals that are produced used, stored or handled in the State and explosives that are manufactured for sale in the State.

- Bureau of Mining Regulation and Reclamation (BMRR) - Mining facilities in Nevada are a potential source of hazardous materials release. In response, the BMMR requires robust monitoring, leak detection, and double containment at Nevada Mining Facilities. Because of this, when releases occur and/or are discovered they tend to be small and easily managed during the course of normal facility operations. Often, the permittee is able to manage releases with existing staff and equipment, augmented by confirmatory analyses at a Nevada certified third-party laboratory. Additionally, upon closure, BMMR requires each facility to obtain adequate financial assurance to ensure mine facilities are reclaimed and closed for the long-term per the approved Final Permanent Closure Plan and do not pose a future threat to environmental or human health.
- Bureau of Federal Facilities (BFF) – BFF regulates the Department of Energy’s environmental restoration and waste management activities at the Nevada National Security Site (NNSS). All NNSS waste and water facilities permitted by BFF and all investigative and corrective actions overseen and regulated by BFF at NNSS, operate under a DOE Emergency Plan Implementing Procedure specific to the permitted facility or regulated activity.
- Bureau of Safe Drinking Water (BSDW) - In accordance with the Code of Federal Regulations, the BSDW requires all drinking water systems in the State to provide an Emergency Response Plan addressing hazard mitigation. Additionally, BSDW coordinates source water protection activities at the local, state, and federal levels, and encourages community-based protection and preventive management strategies to ensure all public drinking water resources are kept safe from future contamination. This programs aids public water systems in delineating the areas that are sources of public drinking water, identifies potential contaminant sources within the delineated area, and assesses the water systems’ susceptibility to contamination.
- Bureau of Water Pollution Control (BWPC) – Regulates some stormwater discharges from three potential sources: municipal separate storm sewer systems, construction activities, and industrial activities. This permitting mechanism is designed to prevent stormwater runoff from washing harmful pollutants into local surface waters. The benefits of effective stormwater runoff management can include:
 - protection of wetlands and aquatic ecosystems,
 - improved quality of receiving waterbodies,
 - conservation of water resources,
 - protection of public health, and
 - flood control.

2.3 PROGRAM INTEGRATION

ELEMENT	REQUIREMENTS
<p>S1. Does the plan describe the process used to develop the plan? [44 CFR §§201.4(b)⁷ and (c)(1)⁸]</p> <p>Intent: <i>To demonstrate a deliberative approach to plan development.</i></p>	<p>The plan must describe the current process used to update the plan, including how the plan was prepared, the schedule or timeframe, specific milestones and activities, the agencies and stakeholders who were involved in the process, and if the mitigation planning process was integrated to the extent possible with other state planning efforts.</p> <p>Agencies and stakeholders means state, local, and tribal agencies, colleges and universities, private entities, or private non-profit organizations, such as multi-jurisdictional utilities, that perform a critical function.</p> <p>Special Consideration: The plan must describe the planning process, but supporting documentation, such as meeting sign-in sheets and notes, does not need to be included in the plan itself. States are encouraged to retain supporting documentation as a permanent record of how decisions were made and who was involved.</p>
<p>S2. Does the plan describe how the state coordinated with other agencies and stakeholders? [44 CFR §§201.4(b) and (c)(1)]</p> <p>Intent: <i>To actively involve stakeholders with the data and expertise to develop the plan, but also with the responsibility or authority to implement mitigation actions and reduce risk state-wide.</i></p>	<p>The plan must describe how other state and Federal agencies and other stakeholders were involved in the process. At a minimum, the plan must describe how the state coordinated with other agencies and stakeholders responsible for the following sectors:</p> <ul style="list-style-type: none"> a. Emergency management; b. Economic development; c. Land use and development; d. Housing; e. Health and social services; f. Infrastructure; and g. Natural and cultural resources. <p>Where coordination with agencies and stakeholders representing these sectors is not practicable, the plan must describe the limitations.</p> <p>Involved in the process means engaged as participants and given the chance to provide input to affect the plan’s content.</p> <p>Special Consideration: While coordination with other agencies and stakeholders is foundational to the success of the plan update as well as implementation, FEMA acknowledges the inherent differences in state governance and capabilities. In evaluating coordination, FEMA will credit the state’s efforts to engage other agencies and stakeholders.</p>

⁷44 CFR §201.4(c)(1): “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.”

⁸44 CFR §201.4(c)(1): “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.”

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 Table 2-6 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
All Hazards	Local Hazard Mitigation Plans Reference: http://dem.state.nv.us		Provide planning and project grants for hazard mitigation These plan goals and the NHMP’s goals are both to reduce losses. Have members in common with NHMPC/Subcommittee
All Hazards	Nevada Natural Resource Plan Reference: http://dcnr.nv.gov/	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

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

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.
All Hazards	State Comprehensive Emergency Management Plan	NRS 414	This is the over-arching plan for the emergency management program in Nevada. This plan’s goals and the NHMP’s goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Dam Failure	Nevada Dam Safety Reference: http://water.nv.gov/DamsAndSafetyHome.aspx	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 - 2014 Reference: http://water.nv.gov/programs/planning/NV_Long_Term_Drought_Strategic_Plan.pdf	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/programs/planning/stateplan/documents/NV_State_Water_Plan-complete.pdf	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

Earthquake	Strategic Plan for Earthquake Safety in Nevada Reference: http://www.nbmgu.unr.edu/nesc/NESC_Strategic_Plan_2013_FINAL.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 http://www.un-spider.org/sites/default/files/7-Earthquake_Mitigation_Nevada%20Earthquake%20Safety%20Council.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.nbmgu.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/Miti	Floodplain Management Ordinance for	Minimize public and private losses due to flooding

Table 2-6. Integration of the NHMP with other State Planning Efforts			
	gation Planning Reference: http://water.nv.gov/FloodProgramHome.aspx	Nevada Communities	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
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. Counties are required by NRS 278.160 to integrate hazard mitigation actions with planning and development at the local level.

2.3.3 Integration of the NHMP with FEMA Programs and Initiatives

State and local mitigation efforts are enhanced and promoted by FEMA programs nationwide and in Nevada specifically. 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. All counties in Nevada either have approved plans or are in the plan re-write process, some in cooperation with other counties.

Some of the major state-administered FEMA-funded hazard mitigation programs for which communities and tribal entities can qualify by adherence to the NHMP are described in Table 2-7 below:

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
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 	Parallel goals, objectives and action items among FEMA programs,

<p>Table 2-7. Integration of NHMP and Local Mitigation Plans with FEMA Mitigation Programs and Initiatives</p>		
	<ul style="list-style-type: none"> • Work to better identify earthquake risk • Improve earthquake-resistant design and construction techniques • Encourage the use of earthquake-safe policies and planning practices 	NHMP, and local plans
Flood	<p>National Flood Insurance Program (NFIP) 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) 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) 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
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. All of Washoe County’s maps are 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,

Table 2-7. Integration of NHMP and Local Mitigation Plans with FEMA Mitigation Programs and Initiatives		
		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 properties and the associated drain on the National Flood Insurance Program (NFIP).</p>	Parallel goals, objectives and action items among FEMA and federal programs, NHMP, and local plans