Chapter 3  Planning Process

Requirements §201.6(b) and §201.6(c)(1): An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:
1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia, and other private and nonprofit interests to be involved in the planning process; and
3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

Lake County recognized the need and importance of the update process for their 2012 Local Hazard Mitigation Plan (LHMP) and initiated its development. After receiving a grant from the Federal Emergency Management Agency (FEMA), which served as the primary funding source for this plan, the County contracted with Foster Morrison Consulting, Ltd. (Foster Morrison) to facilitate and develop the plan. Jeanine Foster, a professional planner with Foster Morrison, was the project manager and Community Rating System (CRS) lead in charge of overseeing the planning process and the development of this LHMP update. Chris Morrison, also a professional planner with Foster Morrison, was the lead planner for the development of this update. The Foster Morrison’s team’s role was to:

➢ Assist in establishing the Hazard Mitigation Planning Committee (HMPC) as defined by the Disaster Mitigation Act (DMA);
➢ Meet the DMA requirements as established by federal regulations and following FEMA’s planning guidance;
➢ Support objectives under the NFIPs CRS and the Flood Mitigation Assistance (FMA) program;
➢ Facilitate the entire planning process;
➢ Identify the data requirements that HMPC participants could provide and conduct the research and documentation necessary to augment that data;
➢ Assist in facilitating the public input process;
➢ Produce the draft and final plan documents; and
➢ Coordinate with the California Office of Emergency Services (Cal OES) and FEMA Region IX plan reviews.

3.1 Local Government Participation

Lake County, as a participating NFIP CRS community, made a commitment to this 2018 single-jurisdictional LHMP Update, as the primary participating jurisdiction. The DMA planning regulations and guidance stress that each local government (participating jurisdiction) seeking FEMA approval of their mitigation plan must participate in the planning effort in the following ways:
➢ Participate in the process as part of the HMPC;
➢ Detail where within the planning area the risk differs from that facing the entire area;
➢ Identify potential mitigation actions; and
➢ Formally adopt the plan.

For Lake County, “participation” meant the following:

➢ Providing facilities for meetings;
➢ Providing printed materials for meeting attendees;
➢ Attending and participating in the HMPC meetings;
➢ Completing and returning the Data Collection Worksheets;
➢ Collecting and providing other requested data (as available);
➢ Coordinating information sharing between internal and external agencies;
➢ Managing administrative details;
➢ Making decisions on plan process and content;
➢ Identifying mitigation actions for the plan;
➢ Reviewing and providing comments on plan drafts;
➢ Providing hardcopy Draft documents of LHMP for public review;
➢ Informing the public, local officials, and other interested stakeholders about the planning process and providing opportunity for them to comment on the plan;
➢ Coordinating, and participating in the public input process; and
➢ Coordinating the formal adoption of the plan by the County Board of Supervisors.

The County seeking FEMA approval of this LHMP Update met all of these participation requirements. Multiple representatives from the County attended the HMPC meetings described in Table 3-4 and also brought together an internal planning team to help collect data, identify mitigation actions and implementation strategies, and review and provide data on plan drafts. Appendix A provides additional information and documentation of the planning process.

In order to promote the integration of CRS into this planning process, the HMPC representatives from the County were selected based on their areas of expertise relative to the CRS mitigation categories as detailed in Table 3-1 and Table 3-2. In addition, the Lake County Community Development Department (Robert Massarelli, Community Development Department Director and Byron Turner, Senior Planner) in association with Foster Morrison Planners were involved in the development of this Plan Update through attendance at meetings, coordination, providing data, future land use planning support, and help with meeting facilitation. In addition to attending meetings, providing draft text for inclusion in the plan, and reviewing plan documents, Lake County planners also provided information on development since the last plan, mapping, text, and details on future development areas, input on current mitigation capabilities, and a variety of documents and information specific to Lake County.
Specific individuals representing Lake County departments participating in this LHMP Update were actively involved throughout the Plan Update process as identified in Appendix A in the sign-in sheets for the meetings and as evident through the data, information and input provided by HMPC representatives to the development of this LHMP Update. This Chapter 3 and Appendix A provides additional information and documentation of the planning process and participants to this Plan Update, including members of the steering and working committees, comprising the HMPC.

3.2 The 10-Step Planning Process

Foster Morrison established the planning process for updating the Lake County LHMP using the DMA planning requirements and FEMA’s associated guidance. This guidance is structured around a four-phase process:

1. Organize Resources;
2. Assess Risks;
3. Develop the Mitigation Plan; and
4. Implement the Plan and Monitor Progress.

Into this process, Foster Morrison integrated a more detailed 10-step planning process used for FEMA’s CRS and FMA programs. Thus, the modified 10-step process used for this plan meets the requirements of six major programs: FEMA’s Hazard Mitigation Grant Program (HMGP); Pre-Disaster Mitigation (PDM) program; CRS program; FMA Program; Severe Repetitive Loss (SRL) program; and new flood control projects authorized by the U.S. Army Corps of Engineers (USACE).

Table 3-2 shows how the modified 10-step process fits into FEMA’s four-phase process. The sections that follow describe each planning step in more detail.
Table 3-2 Mitigation Planning Processes Used to Develop the Lake County Local Hazard Mitigation Plan

<table>
<thead>
<tr>
<th>DMA Process</th>
<th>Modified CRS Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Organize Resources</td>
<td>1) Organize the Planning Effort</td>
</tr>
<tr>
<td>201.6(c)(1)</td>
<td>201.6(b)(1)</td>
</tr>
<tr>
<td>201.6(b)(2) and (3)</td>
<td>3) Coordinate with Other Departments and Agencies</td>
</tr>
<tr>
<td>2) Assess Risks</td>
<td>4) Identify the Hazards</td>
</tr>
<tr>
<td>201.6(c)(2)(i)</td>
<td>5) Assess the Risks</td>
</tr>
<tr>
<td>201.6(c)(2)(ii)</td>
<td></td>
</tr>
<tr>
<td>3) Develop the Mitigation Plan</td>
<td>6) Set Goals</td>
</tr>
<tr>
<td>201.6(c)(3)(i)</td>
<td>7) Review Possible Activities</td>
</tr>
<tr>
<td>201.6(c)(3)(ii)</td>
<td>8) Draft an Action Plan</td>
</tr>
<tr>
<td>201.6(c)(3)(iii)</td>
<td></td>
</tr>
<tr>
<td>4) Implement the Plan and Monitor Progress</td>
<td>9) Adopt the Plan</td>
</tr>
<tr>
<td>201.6(c)(5)</td>
<td>10) Implement, Evaluate, and Revise the Plan</td>
</tr>
<tr>
<td>201.6(c)(4)</td>
<td></td>
</tr>
</tbody>
</table>

This LHMP update involved a comprehensive review and update of each section of the 2012 plan and includes an assessment of the success of the County in evaluating, monitoring and implementing the mitigation strategy outlined in the initial plan, as previously described in more detail in Chapter 2 and throughout Chapter 4 and Chapter 5.

The process followed to update the plan is detailed in the above table and the sections that follow and is in conformance with the latest DMA planning guidance and the CRS 2017 Coordinator’s Manual. As part of this LHMP Update, all sections of the plan were reviewed and updated to reflect new data, processes, participating jurisdictions, and resulting mitigation strategies. Only the information and data still valid from the 2012 plan was carried forward as applicable into this LHMP update.

3.2.1. Phase 1: Organize Resources

Planning Step 1: Organize the Planning Effort

With Lake County’s commitment to participate in the DMA planning process and the CRS program, Foster Morrison worked with the County’s Office of Emergency Services (County OES), as overall project lead, to establish the framework and organization for development of the plan. An initial meeting was held with key community representatives to discuss the organizational and process aspects of this LHMP Update process. At the beginning of this planning process, a resolution was passed by Lake County establishing the planning process and the HMPC. These executed resolution is included in Appendix A.
The initial kick-off meeting was held on July 12, 2017. Invitations to these kickoff meetings were extended to key county departments, the two incorporated communities, special districts located within the planning area, as well as to other federal, state, and local stakeholders, including representatives from the public, that might have an interest in participating in the planning process. Representatives from the HMPC members to the 2012 plan, key County departments, and other identified stakeholders were used as a starting point for the invite list, with additional invitations extended as appropriate throughout the planning process. The list of initial invitees is included in Appendix A.

The HMPC was established as a result of these initial meetings, as well as through interest generated through the initial public meetings and outreach conducted for this project as detailed later in this section. The HMPC, comprising key county, city, special district, and other government and stakeholder representatives and the public, developed the plan with leadership from the County OES and facilitation by Foster Morrison. The HMPC was comprised of members of the steering committee established for this process (as discussed further in this section) as well as other representatives from key county, city, and other government agencies, key stakeholders, and the public, with an interest in hazard mitigation. The following participated on the HMPC:

**Lake County**

- Agriculture Department
- Air Quality Management District
- Assessor
- Board of Supervisors
- Building Safety
- Community Development
- Emergency Services
- Environmental Health
- Geographic Information Systems
- Health and Human Services, Public Health
- Fire
- Information Technology
- Parks and Trails
- Planning Department
- Public Services
- Public Works
- Risk Management
- Safety
- Sheriff
- Sustainability
- Vector Control District
- Waste Management
- Water Resources

**Cities**

- City of Clearlake
- City of Lakeport
Other Government and Stakeholder Representatives

➢ WILL BE INSERTED AT THE END WHEN THE HMPC LIST IS COMPLETE

Citizens

➢ WILL BE INSERTED AT THE END WHEN THE HMPC LIST IS COMPLETE

A list of participating HMPC representatives is included in Appendix A. In addition to representatives from the County, the above list of HMPC members includes several other government and stakeholder representatives that were invited to participate and contributed to the planning process. This list includes all HMPC members that attended one or more HMPC meetings detailed in Table 3-4. In addition to providing representation on the HMPC and Steering Committee, the County further formulated an internal planning team to collect and provide requested data and to conduct timely reviews of the draft documents and as detailed in the list of HMPC representatives for Lake County.

Steering Committee

The HMPC includes both a Steering Committee and the larger working group. The Steering Committee is the policy body which has primary input and decides what is included in the plan document. The larger working group provides data and information to the Steering Committee for consideration. The Steering Committee is comprised of a key representative from the County and other agency and public representatives. The non-local government members of the Steering Committee (citizens and other outside stakeholders) represent more than 50% representation of the committee. See Table 3-3 and Appendix A for details on the makeup of the Steering Committee.

Table 3-3 Lake County LHMP Steering Committee

<table>
<thead>
<tr>
<th>Community/Representative</th>
<th>Department/Organization</th>
<th>Citizen</th>
<th>Stakeholder</th>
<th># Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake County</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Byron Turner</td>
<td>Community Development/Planning Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dale Carnathan</td>
<td>Emergency Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phil Moy</td>
<td>Water Resources</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table 3-3 demonstrates the Lake County HMPC Steering Committee members’ expertise in the six mitigation categories (Prevention, Property Protection, Emergency Services, Natural Resource Protection, Structural Flood Control Projects, and Public Information). The Lake County staff responsible for community land use and comprehensive planning for the County were active participants on the HMPC and provided data and information to support development of the plan. Specifically, this includes the
Planning Services Divisions of the Community Development Departments from Lake as previously described. The support of staff from all HMPC members were called upon to collect and provide requested data and to conduct timely reviews of the draft documents. Note that the above list of HMPC and steering committee members also includes citizens and several other government and stakeholder representatives that contributed to the planning process. Specific participants from these other agencies are identified above and, with supporting documentation included in Appendix A.

Meetings

The planning process officially began with a kick-off meeting held in the Lakeport area, on July 12, 2017, followed by public kick-off meeting held the same day at 6:00 pm at the Kelseyville High School. The meetings covered the scope of work and an introduction to the DMA, CRS, and FMA requirements. During the HMPC meetings, participants were provided with data collection worksheets to facilitate the collection of information necessary to support development of the plan. Using FEMA guidance, these worksheets were designed to capture information on past hazard events, identify hazards of concern to each of the participating jurisdictions, quantify values at risk to identified hazards, inventory existing capabilities, record possible mitigation actions, and to capture information on the status of mitigation action items from the 2012 plan. A copy of the worksheets for this project are included in Appendix A. The County jurisdiction seeking FEMA approval of this LHMP Update completed and returned the worksheets to Foster Morrison for incorporation into the plan document.

During the planning process, the HMPC communicated through face-to-face meetings, email, telephone conversations, file transfer protocol (ftp) and Dropbox websites, and through a County developed webpage dedicated to the plan development process. This later website was developed to provide information to the HMPC, the public and all other stakeholders on the LHMP process. Draft documents were also posted on these websites so that the HMPC members and the public could easily access and review them. The LHMP website can be accessed at:

- Lake County – http://www.lakesheriff.com/Page10546.aspx

The HMPC met formally five times during the planning period (June 2017 – February 2017) which adequately covers the four phases of DMA and the 10-Step CRS planning process. The formal meetings held and topics discussed are described in Table 3-4. Agendas and sign-in sheets for each of the meetings are included in Appendix A.

Table 3-4 HMPC Meetings

<table>
<thead>
<tr>
<th>Meeting Type</th>
<th>Meeting Topic</th>
<th>Meeting Date(s)</th>
<th>Meeting Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMPC #1</td>
<td>1) Introduction to DMA and the planning process</td>
<td>July 12, 2017</td>
<td>Lake County Courthouse, Lakeport</td>
</tr>
<tr>
<td>Kick-off</td>
<td>2) Overview of current LHMP;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meeting</td>
<td>3) Organize Resources (CRS Steps 1,2,&amp;3): the role of the HMPC, planning for public involvement, coordinating with other agencies/stakeholders</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4) Introduction to Hazard Identification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meeting Type</td>
<td>Meeting Topic</td>
<td>Meeting Date(s)</td>
<td>Meeting Location(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------</td>
<td>-----------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
| HMPC #2      | 1) Risk assessment overview and work session  
-CRS Step 4: Assess the Hazard  
-CRS Step 5: Assess the Problem | October 26, 2017 | Lake County Emergency Operation Center, Lakeport |
| HMPC #3      | 1) Review of risk assessment summary  
2) Review and update of mitigation goals  
3) Intro to Mitigation Action Strategy  
-CRS Step 6: Set Goals  
-CRS Step 7: Review possible activities | November 15, 2017 | Grace Church, Kelseyville |
| HMPC #4      | 1) Review of mitigation alternatives  
2) Review and update of mitigation actions from the 2012 plan  
3) Identify updated list of mitigation actions by hazard  
4) Review of mitigation selection criteria  
5) Update and prioritize mitigation actions  
6) Mitigation Action Strategy Implementation and Draft Action Development  
-CRS Step 7: Review possible activities  
-CRS Step 8: Draft an Action Plan | November 16, 2017 | Grace Church, Kelseyville |
| HMPC #5      | 1) Review of final HMPC, jurisdictional and public comments and input to plan  
2) Review and documentation of changed conditions, vulnerabilities and mitigation priorities  
3) CRS Step 8: Draft an Action Plan  
4) CRS Step 9 & 10: Plan maintenance and Implementation Procedures | February 22, 2018 | |

**Planning Step 2: Involve the Public**

Up-front coordination discussions with the Lake County OES, respective planning staff, and floodplain managers established the initial plan for public involvement. Public involvement activities for this LHMP Update included press releases, social media communications, stakeholder and public meetings, development of an LHMP webpage and associated website postings, the collection of public and stakeholder comments on the draft plan through a variety of mechanisms, and other public outreach activities as further described below, as well as specific targeted outreach to different groups of people and other agencies throughout the county. Information provided to the public included an overview of the mitigation status and successes resulting from implementation of the 2012 plan as well as information on the processes, new risk assessment data, and proposed mitigation strategies for this LHMP Update. As part of the plan development process, a Public Involvement Strategy was also developed to ensure a meaningful public process and to focus efforts on maximizing CRS credits for public outreach. At the planning team kick-off meetings, the HMPC discussed additional strategies for public involvement and agreed to an approach using established public information mechanisms and resources within the community.

**Early Public Meeting**

Public outreach for this Plan Update began at the beginning of the plan development process with an advertisement placed in the local newspaper and other local outreach methods to inform the public of the
purpose of the DMA and the hazard mitigation planning process for the Lake County Planning Area and an advertisement placed to invite the public to an early public meetings to kick-off the project on July 12, 2017 at the Kelseyville High School in Kesleyville. This meeting location was selected for easy access for all area residents. Also, as previously described, members of the public were invited to join the HMPC meetings. **Let’s insert a copy of the initial outreach here – article, theater promo or something**

**Final Public Meeting**

The first draft of the plan was provided to the HMPC in December of 2017, with a public review draft provided in January 2017. A public meeting was held on **February ??, 2017** to present the draft LHMP and to collect public comments on the plan prior to finalization and submittal to Cal OES/FEMA. The public meeting was advertised in a variety of ways to maximize outreach efforts to both targeted groups and to the public at large and included an advertisement in local newspapers inviting the public to attend either the formal public meetings or the planning team meetings at their convenience. The advertisement in the local newspapers included information on the date, location and time of the meeting, where the draft plan could be accessed in the community, and how to provide comments on the draft plan. Similar to the early public meetings, the final public meeting on the draft plan were held in a central location of the County to facilitate participation by all Planning Area residents. In addition to a copy of the draft plan being placed on the County website in advance of these meetings, hard copies of the draft of the plan were made available to interested parties at Lake County Public Libraries: **The Main County library and the library in ??**

![Figure 3-1 Public Outreach at Main Lake County Library](source: Lake County)

Documentation to support the final public meeting can be found in Appendix A. In addition to advertisement for public participation, notices of meetings were sent directly to all persons on the HMPC contact list and also to other agency and key stakeholders with an interest in the Lake County Planning Area. The majority of these people reside in Lake County or in surrounding communities. The formal public meeting for this project is summarized in Table 3-5.

**Table 3-5 Schedule of Public and Stakeholder Meetings**

<table>
<thead>
<tr>
<th>Meeting Type</th>
<th>Meeting Topic</th>
<th>Meeting Date</th>
<th>Meeting Locations</th>
</tr>
</thead>
</table>
| Early Public Meeting | 1) Intro to DMA, CRS and mitigation planning  
                          2) 2017 LHMP Update Process                                            | July 12, 2017       | Kelseyville High School, Kelseyville     |
| Final Public Meeting | 1) Presentation of Draft LHMP and solicitation of public and stakeholder comments | February ??, 2017  | ??                                       |

Where appropriate, stakeholder and public comments and recommendations were incorporated into the final plan throughout the plan development process, including the sections that address mitigation goals and strategies. **No formal comments were provided on the draft plan.** All press releases, newspaper
advertisements and articles, website postings, and public outreach efforts are on file with Lake County OES and are included in Appendix A.

The draft plan is currently available online on the Lake County website at: http://www.lakesheriff.com/Page10546.aspx

Other Public Outreach Efforts

Beyond these more formal public involvement activities, the update process also included the following public outreach activities included in Table 3-6 which are further documented and described in Appendix A.

Table 3-6 Other Public Outreach Efforts

<table>
<thead>
<tr>
<th>Effort</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Outreach Flyer</td>
<td>An initial public outreach flyer was developed for use at all public events and meetings. A second public outreach flyer was developed for public outreach on the draft plan and prior to final HMPC and public meetings. These flyers are referenced below in these other public outreach activities.</td>
</tr>
<tr>
<td>Article in Newspaper</td>
<td>An article was published in the INSERT after the Kickoff meetings to make citizens in the County aware of the hazard mitigation update process and invite participation and attendance at upcoming HMPC and Public Meetings.</td>
</tr>
<tr>
<td>Survey</td>
<td>A public survey was posted on the County’s website at the beginning of the planning process inviting the public to comment on how prepared both the County and individuals are for a possible natural disaster, including flood events.</td>
</tr>
<tr>
<td>Lake County LHMP Update Website</td>
<td>Information on the Plan update process and location of documents, and final HMPC and public meeting locations were posted on the County website. This website also included a link to the Survey.</td>
</tr>
</tbody>
</table>

Public Outreach Survey

An integral element in hazard mitigation planning is broad public participation. Information provided by residents fosters a better understanding of local hazard concerns and can spawn innovative ideas to reduce impacts of future hazard events. A public opinion survey was accomplished to gather information from Lake County area residents concerning local hazards. The survey was located on the County’s LHMP website and survey participation was promoted through public meetings, program websites, press releases, social media, and other public outreach events as previously described. Following is a summary of survey results.

- 21 individuals took the survey.
- Over half of the survey takers were from (11).
19 of the 21 people who took the survey were at least somewhat concerned with being impacted by a natural disaster.

- Localized flood, heavy rains, and dam/levee failure were hazards of greatest concern.
- Most survey takers had not experienced a natural disaster.
- Social media, television, and direct mailings were the best choices to reach the public regarding disaster information and making homes more disaster resistant.
- A slight minority of people were located in the floodplain, or in levee protected areas.

The survey and survey results are included in Appendix G.

**Planning Step 3: Coordinate with Other Departments and Agencies**

Early in the planning process, the HMPC determined that data collection, mitigation strategy development, and plan approval would be greatly enhanced by inviting other local, state and federal agencies and organizations to participate in the process. Based on their involvement in hazard mitigation planning, their landowner status in the County, and/or their interest as a neighboring jurisdiction, representatives from the following agencies were invited to participate on the HMPC:

- American Red Cross
- Cal DWR
- Cal Fire
- Cal OES
- California Department of Water Resources
- Community Services Districts
- Incorporated communities in Lake County
- Fire Departments
- National Weather Service
- Neighboring Communities
- NFIP/CRS Program Coordinators
- United States Corps of Engineers
- OTHERS TO BE INSERTED

Coordination with key agencies, organizations, and advisory groups throughout the planning process allowed the HMPC to review common problems, development policies, and mitigation strategies as well as identifying any conflicts or inconsistencies with regional mitigation policies, plans, programs and regulations. Coordination involved contacting these agencies through a variety of mechanisms and informing them on how to participate in the LHMP Update process and if they had any expertise or assistance they could lend to the planning process or specific mitigation strategies. Coordination with these groups included, holding face-to-face meetings, sending outreach letters or e-mails, some with follow up phone calls; and making phone calls alone to out of area agencies. All of these groups and agencies were solicited asking for their assistance and input, telling them how to become involved in the Plan Update process, and inviting them to HMPC meetings. This coordination with other agencies is documented in Appendix A and includes a summary table of who was contacted, the method of contact, and the purpose. Supporting documentation such as emails and meeting logs are also included.

In addition, as part of the overall stakeholder and agency coordination effort, the HMPC coordinated with and utilized input to the LHMP update from the following agencies:
Several opportunities were provided for the groups listed above to participate in the planning process. At the beginning of the planning process, invitations were extended to many of these groups to actively participate on the HMPC. Specific participants from these groups are detailed in Appendix A. Others assisted in the process by providing data directly as requested in the Data Worksheets or through data contained on their websites or as maintained by their offices. Further as part of the public outreach process, all groups were invited to attend the public meetings and to review and comment on the plan prior to submittal to CAL OES and FEMA. In addition, as part of the review of the draft plan, key agency stakeholders were contacted and their comments specifically solicited as described further in this Section and included in Appendix A.

Other Community Planning Efforts and Hazard Mitigation Activities

Coordination with other community planning efforts is also paramount to the success of this plan. Hazard mitigation planning involves identifying existing policies, tools, and actions that will reduce a community’s risk and vulnerability to hazards. Lake County uses a variety of comprehensive planning mechanisms, such as general plans and ordinances, to guide growth and development. Integrating existing planning efforts and mitigation policies and action strategies into this plan establishes a credible and comprehensive plan that ties into and supports other community programs. The development of this plan incorporated information from the following existing plans, studies, reports, and initiatives as well as other relevant data from neighboring communities and other jurisdictions.
3.2.2. Phase 2: Assess Risks

Planning Steps 4 and 5: Identify the Hazards and Assess the Risks

Foster Morrison led the HMPC in a research effort to identify, document, and profile all the hazards that have, or could have, an impact on the planning area. Starting with the 2012 plan, natural hazards of concern were added, deleted, and modified for this LHMP Update. Data collection worksheets were developed and used in this effort to aid in determining hazards and vulnerabilities and where the risk varies across the planning area. Geographic information systems (GIS) were used to display, analyze, and quantify hazards and vulnerabilities.

The HMPC also conducted a capability assessment to review and document the Planning Area’s current capabilities to mitigate risk from and vulnerability to hazards. By collecting information about existing government programs, policies, regulations, ordinances, and emergency plans, the HMPC could assess those activities and measures already in place that contribute to mitigating some of the risks and vulnerabilities identified. A more detailed description of the risk assessment process, methodologies, and results are included in Chapter 4 Risk Assessment.
3.2.3. **Phase 3: Develop the Mitigation Plan**

**Planning Steps 6 and 7: Set Goals and Review Possible Activities**

Foster Morrison facilitated brainstorming and discussion sessions with the HMPC that described the purpose and process of developing planning goals and objectives, a comprehensive range of mitigation alternatives, and a method of selecting and defending recommended mitigation actions using a series of selection criteria. This information is included in Chapter 5 Mitigation Strategy. Additional documentation on the process the HMPC used to develop the goals and strategy is in Appendix C.

**Planning Step 8: Draft an Action Plan**

Based on input from the HMPC regarding the draft risk assessment and the goals and activities identified in Planning Steps 6 and 7, a complete first draft of the plan was developed. This complete draft was provided for HMPC review and comment via a Dropbox web link. Other agencies were invited to comment on this draft as well. HMPC and agency comments were integrated into the second public review draft, which was advertised and distributed to collect public input and comments. The HMPC integrated comments and issues from the public, as appropriate, along with additional internal review comments and produced a third draft for review and approval by the Lake County Disaster Council. Following a presentation on the draft LHMP and incorporation of comments from the Disaster Council, a final draft was produced for the CAL OES and FEMA Region IX to review and approve, contingent upon final adoption by the County Board of Supervisors.

3.2.4. **Phase 4: Implement the Plan and Monitor Progress**

**Planning Step 9: Adopt the Plan**

In order to secure buy-in and officially implement the plan, the plan was adopted by the Lake County Board of Supervisors using the sample resolution contained in Appendix D.

**Planning Step 10: Implement, Evaluate, and Revise the Plan**

The true worth of any mitigation plan is in the effectiveness of its implementation. Up to this point in the planning process, all of the HMPC’s efforts have been directed at researching data, coordinating input from participating entities, and developing appropriate mitigation actions. Each recommended action includes key descriptors, such as a lead manager and possible funding sources, to help initiate implementation. An overall implementation strategy is described in Chapter 7 Plan Implementation and Maintenance.

Finally, there are numerous organizations within the Lake County Planning Area whose goals and interests interface with hazard mitigation. Coordination with these other planning efforts, as addressed in Planning Step 3, is paramount to the implementation and ongoing success of this plan and mitigation in Sacramento County and is addressed further in Chapter 7.
Implementation and Maintenance Process: 2012

The 2012 Lake County, California Local Hazard Mitigation Plan Update included a process for plan maintenance and implementation of the mitigation strategy as well as formal updates to the plan document. The 2012 process called for annual reviews with the status of mitigation strategy implementation documented in an annual report. In addition, the 2012 process called for a formal plan update as required by DMA regulations every 5 years. In accordance with the process outlined in the 2012 plan, formal annual reviews were conducted and documented by the Lake County Office of Emergency Services, and this LHMP update, once complete, will meet the DMA formal update requirements.

Specifically, Lake County’s existing plan was completed and adopted by the County in **March 2013**. It was anticipated that in compliance with the five-year update requirement, the next complete update of the plan would be completed in early 2018. This current LHMP Update process was initiated in early summer of 2017, and finished in February 2018 with the submittal of this LHMP update to Cal OES and FEMA Region IX.

As stated, documented reviews of the 2012 plan took place on an annual basis by the County and participating jurisdictions, and the 2012 LHMP was integrated into many other planning mechanisms in the County. The entire LHMP was adopted and incorporated by reference into the Lake County General Plan Safety Element. The risk assessment portion of the 2012 LHMP was relied on and further integrated into other planning mechanisms. Table 3-7 lists the planning mechanism the 2012 LHMP was integrated into by Lake County.

**Table 3-7** Incorporation of 2012 Lake County LHMP into Other Planning Mechanisms

<table>
<thead>
<tr>
<th>Planning Mechanism 2012 LHMP Was Incorporated or Implemented Through</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The plan implementation and maintenance process as set forth in the 2012 plan has been updated for this LHMP Update. The revised update implementation and maintenance process for the Lake County 2018 LHMP Update is set forth in Section 7 of this plan document. A strategy for continued public involvement for this update process is also included in Chapter 7.