

## D. Plan Maintenance

### D.1 Ongoing Public Participation in the Plan Maintenance Process

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The City's Disaster and Fire Safety Commission will serve as the advisory body for implementation of this Plan. This group was created by ordinance to advise the City Council on disaster-related issues. All meetings of this Commission are held in public. Staff will present progress on implementation of mitigation strategy actions as part of program management.

The City will maintain the [BerkeleyCA.gov/Mitigation](https://BerkeleyCA.gov/Mitigation) website and the [Mitigation@berkeleyca.gov](mailto:Mitigation@berkeleyca.gov) email address. Community members will be able to submit feedback during the implementation of this plan through this website and email address. Community members are able to write and mail or hand-deliver feedback to the City Manager's Office at any time. The City will also use the website to report implementation progress to the community.

As part of the 2024 update to the LHMP, the City created new outreach materials dedicated to teaching the public about mitigation and incorporating their efforts into the mitigation strategy. These materials include videos, guides, and posters that help the community review the LHMP's Risk Assessment data, information, and mitigation actions. These materials also recognize the crucial role community members play in collective hazard mitigation and encourage actions that individuals and households can take to

reduce their risks. The City plans to continue to use these materials to educate the public and receive feedback on the Mitigation Actions. The ultimate goal is to determine how to measure and report the individual and household mitigation actions taken throughout Berkeley that reduce our risks.

The City will offer presentations of these materials as well as post them regular on social media and in public spaces. Examples of these materials are included in Element G: Community Education.

## **D.2 Plan Monitoring, Evaluating, and Updating**

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The City of Berkeley will monitor, evaluate, and update the 2024 LHMP's Risk Assessment and Mitigation Strategy throughout the five-year plan cycle. The City will incorporate these efforts into a comprehensive plan evaluation and update for the 2029 LHMP.

### Risk Assessment

The City's Office of Emergency Services (OES) monitors newly-emerging information that will inform updates to the Risk Assessment of the LHMP, including:

Type, location, and extent of all the natural hazards covered in the 2024 LHMP as well as newly-emerging hazards,

Occurrences of hazards (inside and outside Berkeley) and estimated probabilities of

future hazard events, and

Hazard impacts and community vulnerabilities.

OES staff will continue to monitor relevant hazard occurrences and new scientific discoveries that may impact the 2024 LHMP's Risk Assessment. OES will provide this information to City staff, partners, and the public through the website, social media, and through outreach programs.

#### Actions in 2024 LHMP's Mitigation Strategy

Each action in the Mitigation Strategy identifies a Department or Division Lead. As part of their day-to-day work, Departments or Divisions will monitor, evaluate and report on the progress of their assigned LHMP actions at necessary meetings with other staff, community partners, the Disaster Council, relevant City commissions, and the Berkeley City Council.

During the first three years of plan implementation, prior to the two-year-long effort to perform the next comprehensive plan update, the Office of Emergency Services will coordinate a monitoring, evaluation, and reporting effort for the entire LHMP. OES will collect an updated progress report from each identified Lead for each action. The progress report will:

- Provide qualitative and quantitative evaluation of City progress on activities,
- Identify any necessary changes to the action in order to more effectively achieve stated purpose and goals, and
- Identify new Plan actions to be incorporated into the Strategy

In this way the actions in the plan will be monitored, evaluated, and updated during the five-year cycle. The Office of Emergency Services will maintain this information in order to facilitate the comprehensive update of all elements of the 2024 LHMP.

#### Comprehensive Plan Evaluation and Update

A comprehensive plan evaluation update will occur if a disaster occurs. In addition, a comprehensive plan evaluation process begins 2 years before the expiration of the current plan. In either case, OES will reconvene the Core Planning Team to perform a thorough evaluation of the plan, including the ongoing efforts to update the Risk Assessment and mitigation action information.

The evaluation will include examination of:

- Significant developments in or affecting Berkeley, in order to update the Risk Assessment and Mitigation Strategy,
- Current data, scientific discoveries, and recent hazard events since plan adoption, in order to update hazard profiles and vulnerability assessments in the Risk Assessment,
- New policy, priority, and planning changes affecting Berkeley, in order to update the Mitigation Strategy, and
- Progress on actions in the 2024 Plan's mitigation strategy, in order to update plan goals, objectives, and mitigation actions for 2029.

The Core Planning Team, coordinated by the Office of Emergency Services, will use these assessments to create the updated Internal First Draft 2029 LHMP. The Core Planning Team will first share this internal document with City staff, hazard experts, and community partners for review and feedback. Following their review and relevant changes, the Core Planning Team will provide the First Draft 2029 LHMP to the Berkeley

community for review. Public feedback, including that of Berkeley Commissions and individual community members, will inform development of the Final Draft 2029 LHMP, which will be provided for review to the California Governor's Office of Emergency Services, and then to the Federal Emergency Management Agency (FEMA).

Following approval pending adoption from FEMA, the 2029 LHMP will go to the City's Planning Commission and the Disaster and Fire Safety Commission for recommendations to the City Council for adoption. The Berkeley City Council is the governing body that adopts the updates to the City of Berkeley Local Hazard Mitigation Plan.

The table on the following page summarizes the City's approach to monitoring, evaluating, and updating the 2024 LHMP.

	<b>Risk Assessment</b>	<b>Monitoring 2024 Mitigation Strategy</b>	<b>Comprehensive Plan Evaluation and Update</b>
<b>WHO</b>	Office of Emergency Services	Department or Division Leads, with Office of Emergency Services as Coordinator	Core Planning Team, with Office of Emergency Services as Lead
<b>WHEN</b>	Ongoing	Ongoing through program management Joint interim assessment during first 3 years of plan implementation	After a disaster event Every 5 years Update process starts <b>2 years prior</b> to plan expiration
<b>HOW</b>	Monitors hazard information Reports information to stakeholders and public through City website and outreach programs	Leads will monitor, evaluate and report on the progress of their assigned LHMP actions through day-to-day work OES collects progress reports during the first 3 years of plan implementation, prior to 2-year-long process to develop next comprehensive plan update	Review/revise Plan accounting for: <ul style="list-style-type: none"> <li>• Development affecting Berkeley</li> <li>• Hazard/vulnerability data and recent hazard events</li> <li>• Policy, priority, and planning changes</li> <li>• Progress on actions in 2024 Mitigation Strategy</li> </ul>

## D.3 Mitigation Plan Integration

The City of Berkeley develops its updated Local Hazard Mitigation Plan every five years. The planning process brings together staff from every department to develop the risk assessment, mitigation strategy, and report on progress since the last update. After this process, staff continue to work closely together on maintaining the LHMP as well as on new projects. Core Planning Team members bring their knowledge and experience with the LHMP to their respective departments and ensure its integrated into their other ongoing work. For example, the 2019 LHMP was incorporated into the 2023 City's

Housing Element.

The Risk Assessment is crucial to the City's understanding of its hazards, vulnerabilities, and potential losses. It is used to educate City staff, partners, community members, and elected officials about the hazards that can occur in Berkeley and what is at risk. The Office of Emergency Services works to maintain the Risk Assessment and ensure that the latest data, science, and information is used and integrated in educational materials and planning processes. For example, the 2019 LHMP Risk Assessment informed the City's Community Wildfire Preparedness Plan (CWPP) as well as Extreme Heat Workshops for the City's Emergency Operations Plan (EOP).

The actions outlined in the Mitigation Strategy are developed and prioritized in collaboration with every Department that is involved in the work. To ensure that the list of actions remains manageable, only actions that have a confirmed clear and viable funding source are included. As a result, the LHMP is closely aligned with the City Budget and Capital Improvement Plan. Each year, the City assesses potential capital improvement projects and available funding as it implements its Five-Year Capital Improvement Plan. Capital improvement actions in the Plan are assessed as part of this annual process.

### List of Planning Mechanisms

As with prior LHMP updates, this Plan will be well-integrated into the City's existing and future plans. This list of planning mechanisms where the Plan will be integrated are listed below.

## Budget Process

Because the 2024 LHMP will be adopted by the City Council into the General Plan, the data and information from the Risk Analysis as well as the hazard mitigation goals and actions in the Mitigation Strategy will help guide the City's budget process. The budget process assigns resources to address the goals, objectives, and community priorities set by the City Council. The budget process is the final step of assigning resources to implement mitigation actions. The Budget process is described in detail in Element C: Mitigation Strategy.

## Community Outreach

Community outreach is a key component of any planning mechanism. The City's Office of Emergency Services has been trying to augment its outreach capacity, in addition to improving the outreach associated with the LHMP. The 2024 LHMP planning process inspired a whole suite of new outreach materials designed to educate community members about hazard risks and the mitigation strategy, including actions they can take to reduce risk. These materials are designed to be relevant and adjustable so that they can be used after the 2024 LHMP is adopted.

## LHMP as an Appendix to the General Plan

Upon its adoption by the Berkeley City Council, the 2024 LHMP will be incorporated as an appendix to the Disaster Preparedness and Safety Element of the City's General Plan. The Berkeley General Plan is a comprehensive, and long-range statement of community priorities and values developed to guide public decision-making in future years. The Plan's goals, objectives, and policies serve as a guide for day-to-day decisions that are

essential for responsive government. Decisions made by Berkeley City Council and its advisory boards, and commissions about the physical development of the City should be consistent with the goals, objectives, and policies of the General Plan. The City Council and Planning Commission will use the General Plan when evaluating land use changes and making funding and budget decisions. It will be used by the Zoning Adjustments Board and City staff to help regulate development proposals and make decisions on projects. The policies of the Plan apply to all property, both public and private, within the Berkeley city limits.

#### Upcoming General Plan Updates and Additions

From 2024-2026 the City will be updating the General Plan's Safety Element, and creating a new Environmental Justice Element. The data and information in the 2024 LHMP's Risk Assessment, as well as the actions in the Mitigation Strategy, will directly inform the updated goals for both of these critical new documents. Many of the 2024 LHMP's Core Planning Team members will continue their collaborative mitigation work by participating in the process to develop the Safety Element updates and new Environmental Justice Element.

#### Berkeley Climate Equity Collaborative

The City is also working with the Berkeley Climate Equity Collaborative (Collaborative), a group of local community-based organizations representing disadvantaged communities, as community partners in developing the Environmental Justice Element and update to the Safety Element. The LHMP will be used as a resource to inform the Collaborative members of the hazards facing Berkeley, and will ultimately support the Collaborative's

efforts in these General Plan updates.

#### City of Berkeley Strategic Plan

On January 16, 2018, the City Council adopted the City of Berkeley 2018-2019 Strategic Plan. The City's Office of Emergency Services will be responsible for working with Department leaders to further incorporate actions from this Mitigation Strategy into future Strategic Plan updates. City staff indicated under "Lead Organizations and Staff Leads" will be responsible for further developing the project plans, schedules and budgets outlined for actions in the Mitigation Strategy. Implementation of many of these actions will be dependent on outside funding sources.

#### Capital Improvement Plan

Each year, the City assesses potential capital improvement projects and available funding as it implements its Five-Year Capital Improvement Plan. Capital improvement actions in this Plan will be assessed as part of this annual process. Many actions presented in the 2024 LHMP Mitigation Strategy are already a part of the City's Five-Year Capital Improvement Plan. Implementation of many of these actions will be dependent on outside funding sources.

#### Resilience Strategy

In 2014 the City of Berkeley was selected to participate in the 100 Resilient Cities (100RC) Initiative, pioneered by The Rockefeller Foundation. The City conducted extensive research that included community outreach and engagement as well as review of existing plans, including the 2014 LHMP, as it developed its Resilience Strategy, which was

released in April 2016. Building on existing efforts and with guidance from the Mayor, the City Council, and the community, the Berkeley Resilience Strategy identifies six long-term goals and recommends specific short-term actions to help address some of Berkeley's most pressing challenges. One of the goals is to adapt to the changing climate, which integrates information from the LHMP.

The Resilience Strategy is being implemented through projects, programs and plans across the City, and the LHMP will continue to be a key planning document that influences these processes. The City continues to have a Chief Resilience Officer (CRO) and participates in organizations such as the Resilient Cities Network and the Bay Area Climate Adaptation Network (BayCAN). As an example of a current resilience project, the City is working to implement solar photovoltaic arrays and backup batteries at critical municipal facilities to provide clean, reliable energy assurance in the face of a disaster and/or power outage.

#### Waterfront Specific Plan

The Waterfront Specific Plan is a four-year planning project (formerly "Berkeley Marina Specific Area Plan") that will provide a path for achieving a financially self-sustainable, publicly owned marina that preserves and enhances infrastructure to support current and future community needs, while adapting to climate change and promoting environmental stewardship. Key to this goal is consideration of the waterfront-specific hazards, including sea level rise and flooding. The 2024 LHMP's data, information, and mitigation strategies are being developed hand-in-hand with the Waterfront Specific Plan (WSP), which will designate areas for commercial redevelopment and recreation opportunities and provide

design guidelines for future projects.

## Climate Action Plan

The 2019 and 2024 updates to the LHMP support concepts outlined in the Berkeley Climate Action Plan, which was developed through a community-wide process and was adopted by City Council on June 2, 2009. The Climate Action Plan outlines a vision, goals and policies to reduce community-wide greenhouse gas emissions by 33 percent below 2000 levels. Further, in 2018, then-Governor Brown committed California to carbon neutrality by 2045, the Berkeley City Council resolved to become a “Fossil Fuel-Free City,” and the Council declared a Climate Emergency, all steps to signal the urgency of these ambitious goals and the need to act on climate threats in an equitable manner.

Because climate change impacts can cause or exacerbate many of Berkeley’s hazards of concern, in 2014 the LHMP was updated to include climate change as a hazard of concern. Historically, the City of Berkeley has used the Climate Action Plan to present activities to mitigate climate change itself by addressing ways to reduce greenhouse gas emissions, and the LHMP to present climate adaptation actions, which would better prepare the community to adapt to the changes in climate we are already seeing. In this way both plans reflect and support one another. The City continues to implement the initiatives set forth in the Climate Action Plan through other plans such as the Electric Mobility Roadmap (adopted in 2020) and Existing Buildings Electrification Strategy (adopted in 2021), and this and future updates to the LHMP will continue to inform these implementation plans and include actionable climate adaptation strategies. For example, the City is implementing the Pilot Climate Equity Fund and Just Transition Pilot Programs,

both of which address transitioning away from gas in buildings, which can be hazardous as described in the LHMP's Risk Assessment.

In the 2024 LHMP, climate change has been more thoroughly integrated into each hazard of concern rather than as a standalone hazard. As a result, there are more actions in this plan that relate to reducing emissions and mitigating climate change as a way of reducing the impacts of various natural hazards.