



2024 Local Hazard Mitigation Plan (LHMP)

First Draft Plan

Planning Commission
June 5, 2024

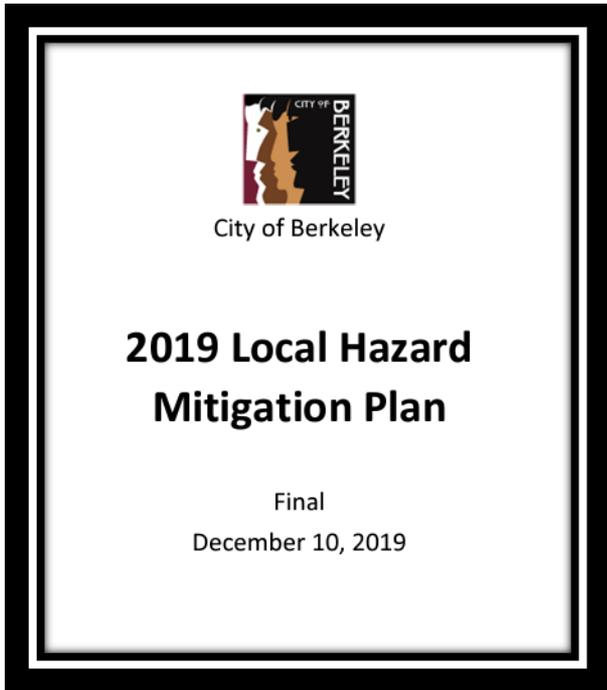


Agenda

- Local Hazard Mitigation Plan (LHMP) Overview
- What is Hazard Mitigation?
- Plan Changes Since 2019
- First Draft Plan: Risk Assessment and Mitigation Strategy Updates
- Public Outreach
- Next Steps



Local Hazard Mitigation Plan



- Appendix to City's General Plan
- Adopted in 2004, 2014, and 2019
- Financial incentives (pre- and post-disaster)
- Public Review for First Draft: May 24 to July 31
- Key Plan Elements
 - B: Risk Assessment
 - C: Mitigation Strategy



What is Hazard Mitigation?





Hazard mitigation breaks the cycle of damage, by taking action now to reduce impacts later.



Image Credit: Boston.gov



Examples of mitigation activities

- Home hardening (like in top photo)
- Strengthening structures (like earthquake retrofits)
- Making land use decisions that will minimize damage
- Reducing vegetation in high-fire areas (like in bottom photo)
- Strapping down water heaters





Major Plan Changes Since 2019





New Hazards Included in the Plan

- High Wind
- Poor Air Quality
- Infectious Disease
- Utility Interruption
- Sea Level Rise



Individual and Household Actions

- Previous versions: Heavy focus on City government actions
- 2024 LHMP: And what can you do?
- Example: Earthquake
 - City: Retrofitting municipal buildings, facilitating grants
 - Household: bolting down furniture





First Draft Plan: Risk Assessment and Strategy Updates





Risk Assessment Summary

Hazard	Likelihood	Severity of Impact
Earthquake	Likely	Catastrophic
Wildland-Urban Interface Fire	Likely	Catastrophic
Extreme Heat	Likely	Moderate to Catastrophic
Poor Air Quality	Likely	Minor
High Wind	Likely	Minor
Rainfall-Triggered Landslide	Likely	Minor to Catastrophic
Tsunami	Possible	Minor to Catastrophic
Sea Level Rise	Likely	Minor to Major
Floods	Likely	Minor
Utility Interruption	Likely	Minor to Major
Hazardous Materials Release	Likely	Minor to Catastrophic
Infectious Disease	Likely	Minor to Catastrophic



Mitigation Strategy Summary

- 33 Actions
- Focus:
 - Current work with funding secured
 - Improvements to buildings, infrastructure, and wildfire mitigation (aligning with the Community Wildfire Protection Plan)
- New actions
 - Mitigating poor air quality, infectious disease, high winds, and utility interruption
 - General Plan - Environmental Justice and Safety Elements



Public Outreach





Engagement Methods

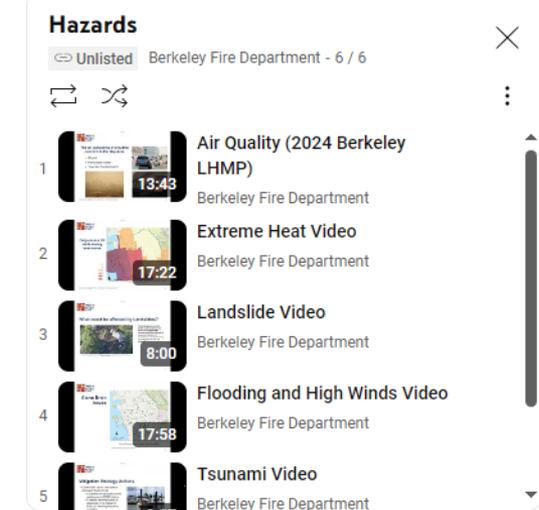
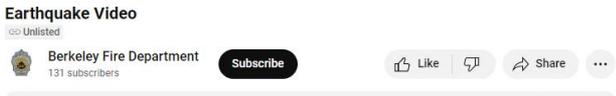
- In-person outreach at various events during the drafting stage, including National Night Out and Solano Stroll
- Two in-person workshops during the drafting stage, including a Winter Weather Workshop and a Tsunami Workshop at the Marina
- Two in-person workshops after First Draft is released
 - June 3 5:30pm – 730pm at Central Library
 - July 20 10am – 12pm at South Berkeley Library
- Detailed hazard videos posted to YouTube
- Presentations to the Planning and Disaster and Fire Safety Commissions, memos to all other Commissions
- Community members are invited to send in feedback via email or in person at the Fire Department





Videos

- LHMP is written to satisfy FEMA requirements, making it long and dense.
- We don't want to just check the box!
 - We want community members to be able to engage with this material, so we made hazard videos.
- You can watch at your leisure and focus on the hazards you're most worried about.
- Videos are designed as both an alternative and a supplement to in-person meetings.
- These videos will remain available even after the LHMP process, continuing to support our outreach about hazards.



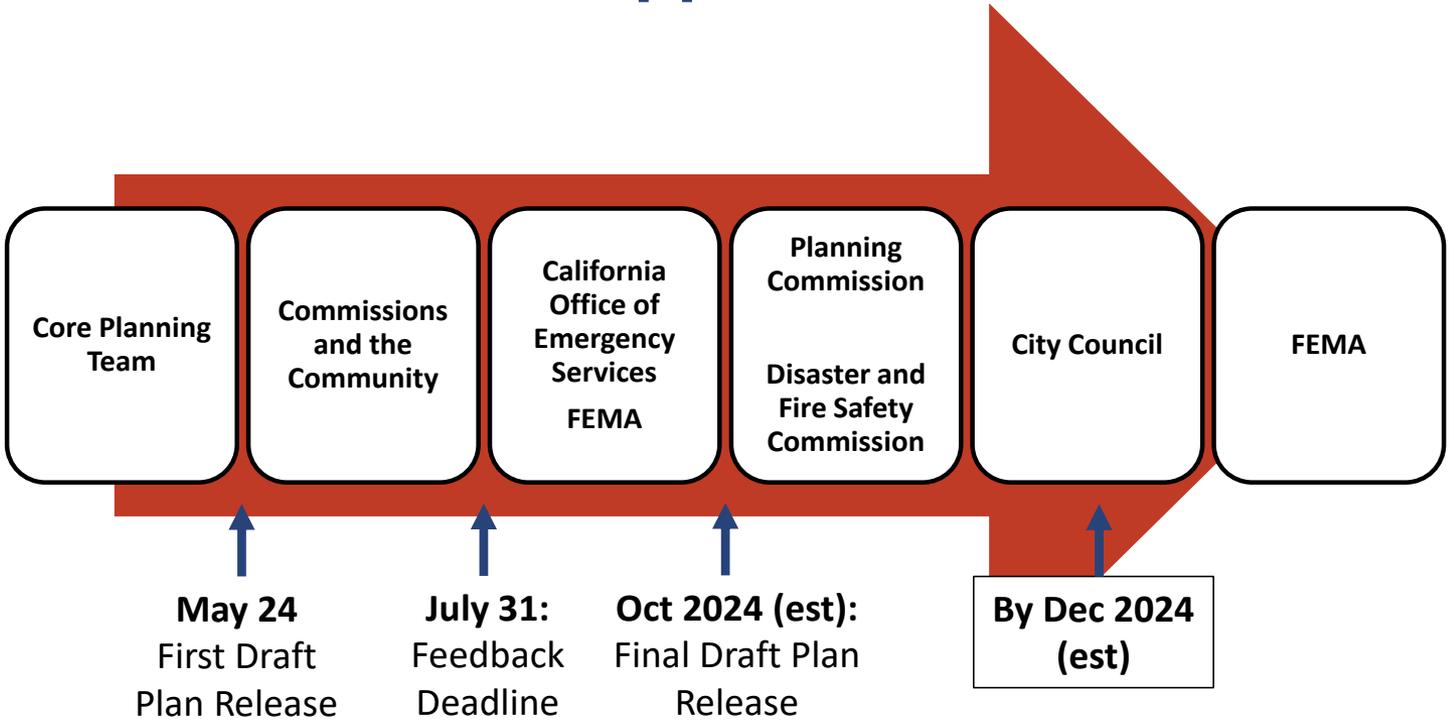


Next Steps





Plan Review and Approval Process





Next Steps

- First Draft 2024 LHMP at www.BerkeleyCa.gov/Mitigation
- Commission and community feedback deadline: July 31, 2024
- Submit written feedback:
 - To Mitigation@berkeleyca.gov
 - Via postal mail to the Fire Department
 - Via business hours drop off at the Fire Department