



Mono County and the Town of Mammoth Lakes Multi-Jurisdictional Local Hazard Mitigation Plan Update

Public Meeting, November 13, 2024



Agenda

- What is Hazard Mitigation?
- What is Hazard Mitigation Planning?
- Who's Involved
- Public Input
- Identifying Hazards
- Making a Hazard Profile
- Assessing Capabilities
- Developing the Mitigation Strategy
- Public Survey
- Next Steps



Hazard Mitigation



- **Hazard Mitigation** is any sustained action to reduce or eliminate the long-term risk to human life and property from hazards



EVERY \$1 SPENT ON
MITIGATION SAVES
\$6 ON FUTURE
DISASTER LOSSES

WWW.NIBS.ORG - NATURAL HAZARD
MITIGATION SAVES REPORT 2019

Benefits of Mitigation

- Break the cycle of disaster damage, reconstruction, and repetitive damage
- Increase public safety and prevent loss of life or injury
- Speed up recovery and reduce business and economic interruption
- Help with other community objectives, such as capital improvements, preserving open (green) space for recreation and tourism, and increasing economic resiliency

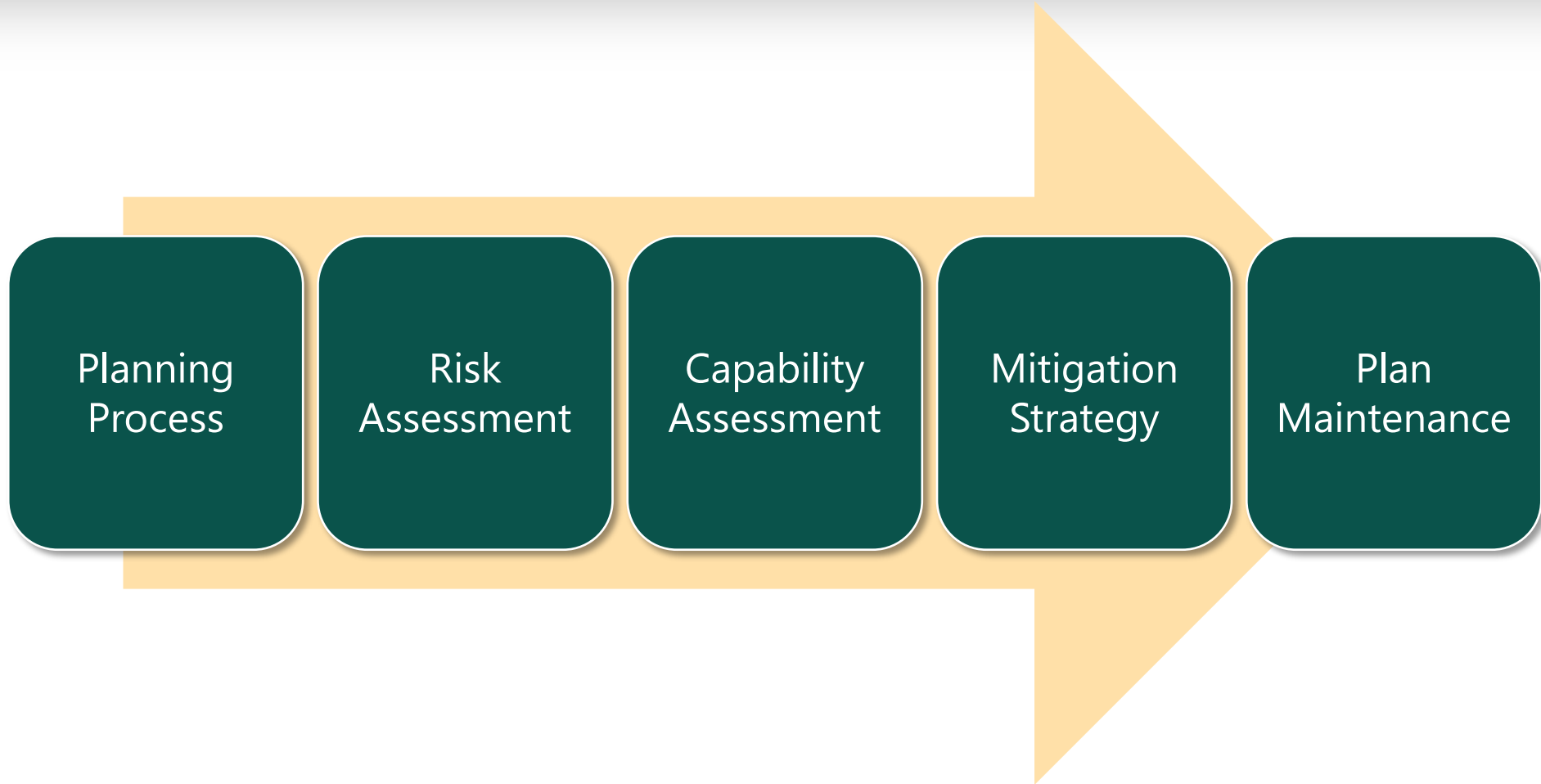


Hazard Mitigation Planning

- The mitigation plan describes the participants' vision for hazard mitigation
- Opportunity to promote partnerships and sustainable communities and reduce disaster-related costs



The Structure of the Plan



Why Update the Plan?



- States, tribes, and local jurisdictions (including special districts) are required to have a FEMA-approved and adopted hazard mitigation plan to receive funding through grant programs, such as:
 - Hazard Mitigation Grant Program (HMGP)
 - Building Resilient Infrastructure and Communities (BRIC)
 - Flood Mitigation Assistance (FMA)
- Plan must be updated every 5 years
- Plan must meet state and federal planning requirements

Who's Involved



- Plan Participants:
 - Mono County
 - Town of Mammoth Lakes
 - Special Districts:

1. Antelope Valley Fire Protection District	11. Long Valley Fire Protection District
2. Birchim Community Services District	12. Mammoth Community Water District
3. Bridgeport Public Utility District	13. Mammoth Lakes Fire Protection District
5. Bridgeport Fire Protection District	14. Mammoth Lakes Mosquito Abatement District
6. Countywide County Service Area	15. Mono City Fire Protection District
7. Hilton Creek Community Services District	16. Southern Mono Healthcare District
8. June Lake Public Utility District	17. Wheeler Crest Community Services District
9. Lee Vining Fire Protection District	18. White Mountain Fire Protection District
10. Lee Vining Public Utility District	

Public Input



- Public input helps identify areas of risk and potential solutions
- Public Meeting: *thank you for participating!*
- Public Survey:
 - English:
<https://forms.office.com/r/wnr9HmvAyW>
 - Spanish:
<https://forms.office.com/r/kk1HJe258A>

A promotional banner for a public survey. The banner is divided into three horizontal sections. The top section shows a car driving through water. The middle section shows a street scene with buildings. The bottom section shows a fire at night. The banner contains two QR codes, one for English and one for Spanish. The text in English reads: "WE NEED YOUR FEEDBACK TO MAKE OUR COMMUNITY SAFER" and "TAKE THE SURVEY". The text in Spanish reads: "NECESITAMOS TU OPINIÓN PARA HACER NUESTRA COMUNIDAD MÁS SEGURA" and "PARTICIPA EN LA ENCUESTA".

WE NEED YOUR
FEEDBACK TO MAKE
OUR COMMUNITY SAFER

TAKE THE SURVEY

NECESITAMOS TU OPINIÓN
PARA HACER NUESTRA
COMUNIDAD MÁS SEGURA

PARTICIPA EN LA ENCUESTA

The Mono County Multi-Jurisdictional Local Hazard Mitigation Plan is being updated.
El Plan de Mitigación de Riesgos del Condado de Mono está en el proceso de actualización.

Identifying Hazards



- Natural hazards:
 - Avalanche
 - Dam Failure
 - Disease/Pest Management
 - Drought
 - Earthquake and Seismic Hazards
 - Extreme Heat
 - Flood
 - Landslides
 - Epidemic/Pandemic
 - Severe Wind
 - Severe Winter Weather and Snow
 - Volcanoes
 - Wildfire
- Manmade hazards:
 - Dam Failure
 - Energy Shortages and Energy Resiliency
 - Hazardous Materials
 - Wildlife Collisions



Discussion Question



Which of these hazards concern you the most and why?

Making a Hazard Profile

- Describes the location, extent, previous occurrences, future probability, vulnerability, impacts, and changes in development
- Evolves mapping and conducting loss estimates for identified hazards



Discussion Question



What parts of your community are most vulnerable to these hazards?

Assessing Capabilities



- Evaluation of current mitigation capabilities:
 - What policies, resources, and programs are in place?
 - Do they support hazard mitigation?
 - How could these capabilities be expanded or improved upon?



Developing the Mitigation Strategy



- Long-term blueprint for reducing disaster losses
- Includes goals, actions, and an action plan
- Identifies a comprehensive range of actions



		
<p>Creating Defensible Space Reduces the Impacts of Wildfires</p>	<p>Seismic Retrofitting Helps Protect Communities from Earthquakes</p>	<p>Rain Gardens Provide Many Benefits Including Reducing Flooding and Stormwater Runoff</p>

Mitigation Goals



- Goals from the previous plan:
 - Goal 1: Avoid exposure of people and improvements to unreasonable risks of damage or injury from earthquakes and other geologic hazards
 - Goal 2: Avoid exposure of people and improvements to unreasonable risks of damage or injury from flood hazards
 - Goal 3: Avoid exposure of people and improvements to unreasonable risks of damage or injury from fire hazards
 - Goal 4: Avoid exposure of people and improvements to unreasonable risks of damage or injury from avalanche hazards
 - Goal 5: Avoid exposure of people and improvements to unreasonable risks of damage or injury from dam failure hazards
 - Goal 6: Avoid exposure of people and improvements to unreasonable risks of damage or injury from disease and pest hazards

Mitigation Goals



- Goals from the previous plan (cont'd):
 - Goal 7: Avoid exposure of people and improvements to unreasonable risks of damage or injury from drought hazards
 - Goal 8: Avoid exposure of people and improvements to unreasonable risks of damage or injury from volcano hazards
 - Goal 9: Avoid exposure of people and improvements to unreasonable risks of damage or injury from hazardous materials
 - Goal 10: Avoid exposure of people and improvements to unreasonable risks of damage or injury from severe weather, heat, cold, and snow hazards
 - Goal 11: Avoid exposure of people and improvements to unreasonable risks of damage or injury from wind hazards

Mitigation Goals



- Goals from the previous plan (cont'd):
 - Goal 12: Reduce the risks from natural hazards by planning for safe development, increasing public awareness of the natural hazards in Mono County, and providing an integrated multiagency approach to emergency response
 - Goal 13: Prepare for changing climate conditions in Mono County
 - Goal 14: Keep Mono County and the Town of Mammoth Lakes a safe place to live, work, and play
 - Goal 15: Maintain adequate emergency response capabilities



Types of Actions

- Local plans and regulations
- Structure and infrastructure projects
- Natural systems protection
- Education and awareness programs



Discussion Question



What mitigation actions do you want to see implemented?

Public Survey



- Any additional feedback? The public survey is open now until January 31st:

A promotional banner for a public survey. The banner is divided into three vertical sections. The left section contains three images: a car driving through water, a red building, and a night view of a town. The middle section features a large QR code at the top, followed by the text "WE NEED YOUR FEEDBACK TO MAKE OUR COMMUNITY SAFER" in white, bold, uppercase letters. Below this is a smaller QR code and the text "TAKE THE SURVEY" with a hand icon. The right section features a large QR code at the top, followed by the text "NECESITAMOS TU OPINIÓN PARA HACER NUESTRA COMUNIDAD MÁS SEGURA" in white, bold, uppercase letters. Below this is a smaller QR code and the text "PARTICIPA EN LA ENCUESTA" with a hand icon. At the bottom of the banner, there is a white box with the text: "The Mono County Multi-Jurisdictional Local Hazard Mitigation Plan is being updated. El Plan de Mitigación de Riesgos del Condado de Mono está en el proceso de actualización." The background of the banner is a dark green with a topographic map pattern.



- English: <https://forms.office.com/r/wnr9HmvAyW>
- Spanish: <https://forms.office.com/r/kk1HJe258A>

Next Steps

- Plan participant plan review
- Public plan review
 - *Please check the County website for updates!*
- Submit plan for State and FEMA plan review
- Each plan participant adopts the plan
- Receive final FEMA approval once plan is adopted
- Implement the plan





Questions?

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