



# Committee Meeting #3

CITY OF MANHATTAN BEACH

## LOCAL HAZARD MITIGATION PLAN (LHMP)

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Tuesday, January 9, 2024

9:30 AM – 11:15 AM

City of Manhattan Beach City Council Chambers &  
Virtual (Zoom)

# Hazard Mitigation Planning Committee Meetings



## Committee Meeting #1

- **November 28**
- HMP Education
- Identifying Hazards of Prime Concern

## Committee Meeting #2

- **December 12**
- Understanding hazards of prime concern
- Vulnerability and Impacts Discussion

## Committee Meeting #3

- **January 9**
- Continue Vulnerability and Impacts Assessment of Hazards and Projects

## Committee Meeting #4

- **January 30**
- Final prioritized project list and prioritization survey
- Risk Analysis
- Next Steps Discussion





# Welcome and Introductions

- **City of Manhattan Beach**
  - Amanda MacLennan – LHMP Project Manager, Manhattan Beach Emergency Preparedness Administrator
- **Constant Associates**
  - Dylan Yates – Project Manager
  - Monica Machacek-Chiapello – Deputy Project Manager
  - Michelle Klein – Project Support
  - Mona Bontty – Project Sponsor



# Attendance

If you have been designated a member of the **hazard mitigation planning committee**, please type your name, title and organization in the chat.

Example: John Smith, Earthquake Specialist, USGS



# Ground Rules

1. Please keep all comments respectful and relevant to the discussion topics
2. Use the raise hand function to indicate that you would like to speak
3. Feel free to use the chat throughout the meeting to share questions or thoughts



# Agenda

- Welcome and Administration
- Public Comment
- Risk Assessment Process
- Identifying Community Assets and Mitigation Strategies
  - Committee Discussion on Vulnerability and Impact Assessment Gaps
  - Mitigation Projects Discussion
- Next Steps and Action Items



# Vulnerable Assets

According to FEMA, **assets** are defined as:

**People**  
(including underserved communities and socially vulnerable populations).

**Structures**  
(including facilities, \*community lifelines and critical infrastructure).

**Systems**  
(including networks and capabilities).

**Natural, historic, and cultural resources.**

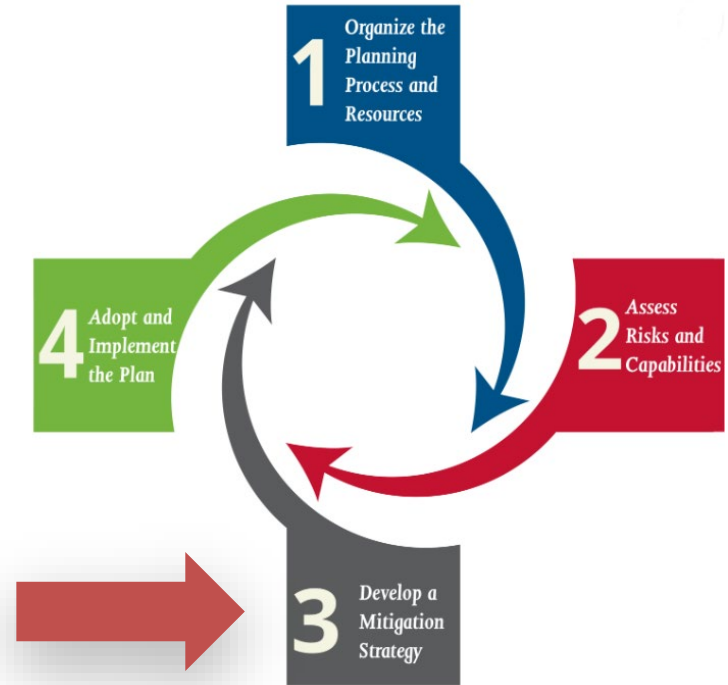
**Activities that have value to the community.**



# Meeting Purpose

The purpose of today's planning committee meeting:

1. Complete the Vulnerability and Impact Assessment
2. Identify at least one mitigation strategy/project per hazard





# Mitigation Strategy/Project Eligibility

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The Hazard Mitigation Assistance Program (HMA) has specific eligibility requirements for mitigation strategies/projects to receive grant funding.

**Jurisdictional ownership** of hazard mitigation projects is vital for ensuring accountability, effective integration with public infrastructure, access to resources, long-term sustainability, compliance with local laws and regulations, community trust, and equitable benefit distribution.

As a reminder, FEMA will only consider **natural hazards**.



# Public Comment





# Identifying Community Assets

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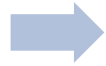
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# Steps Taken Towards the Vulnerability and Impact Assessment

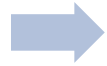
## Jurisdictional Questionnaire

- Sent to various City departments to capture specific information on hazards of concern, vulnerability and impacts, and other relevant jurisdiction specific information



## Committee Meeting #2

- Discussed vulnerability and impacts as they relate to each hazard of prime concern



## Committee Meeting #3

- Discuss remaining gaps in the Vulnerability and Impact Assessment and identify at least one mitigation strategy/project per hazard

**City of Manhattan Beach**  
**2023 Local Hazard Mitigation Plan**  
**Vulnerability and Impact Survey**

**Section A: Coastal Hazards**

This purpose of the Vulnerability and Impact Assessment is to identify the potential impacts of natural hazards on the community's assets and infrastructure. The information captured in this survey will be used to develop the 2024 City of Manhattan Beach Local Hazard Mitigation Plan.

The information captured in this survey will be used to develop the 2024 City of Manhattan Beach Local Hazard Mitigation Plan.

These questions may be used by business/agency/organization to identify important information.

\*Per FEMA Regulations Hazard Vulnerability and Impact Assessment will be required for all critical facilities.

**Deadline: Friday, December 22, 2023.**

Please provide your response to the following questions to:

- o [manbca@constant.com](mailto:manbca@constant.com)
- o [manbca@constant.com](mailto:manbca@constant.com)

**Hazard-Specific Questions**

The following section includes a list of natural hazards that may impact your community. Each hazard will have a set of questions related to its impact on vulnerable community assets. For each question below, please type your answer on the right-hand side of the table.

**1: Coastal Hazards**

Includes: Tsunami, Daily Tides, King Tides, El Niño, and Beach and Coastal Erosion.

Question	Response
1A. What neighborhood(s) do you feel are most at risk? Describe the potential impacts of this hazard on the neighborhood(s)/population.	
1B. Do you feel there are any socially vulnerable populations in the hazard area? If so, please provide some of the impacts to these populations.	
1C. Do you know any buildings that may be threatened or have experienced loss in the past due to this hazard? Please provide further information below: <ul style="list-style-type: none"> <li>• The building name and address.</li> <li>• Are any of these buildings' critical infrastructure?</li> <li>• Are any of these buildings a community lifeline? (See list in Question #1)</li> <li>• Are they commercial, industrial, or residential property?</li> </ul>	
1D. Do you know of any critical systems within the hazard area(s) that could be impacted? (e.g. utilities, 911 repeater)	
1E. Do you know of any natural, historic, and/or cultural resources within the hazard area?	
1F. Do you know of any day-to-day community activities that may be threatened by this hazard?	



# Planning Team Discussion: Vulnerability and Impact Assessment

1. Information gathered through the Jurisdictional Questionnaire and Committee Meeting #2 are captured in **Green**.
2. Gaps in information will be discussed today.

6: Severe Weather	
Includes: High winds, extreme heat, and severe rainstorms.	
Question	Response
6A What neighborhood(s) do you feel are most at risk? Describe the potential impacts of this hazard on the neighborhood(s)/population.	
6B Do you feel there are any socially vulnerable populations in the hazard area? If so, please provide some of the impacts to these populations.	<ol style="list-style-type: none"> <li>1. Preparedness effort outside of mitigation:               <ol style="list-style-type: none"> <li>a. Establishing additional "cool zones" specifically for older adults to use during heat waves.</li> </ol> </li> <li>2. Severe Weather/Storms at Beach – Although LA County owns the beach in Manhattan Beach, the City regularly offers programming and special events on the sand and near the Pier with thousands of people in attendance. Developing better long-term plans for protecting people and developed infrastructure in the case of severe storms, particularly through the use of natural systems, seems prudent as the frequency and intensity of natural disasters increase.</li> </ol>





# 5-Minute Break

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# Mitigation Strategies Discussion

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# Planning Team Discussion: Mitigation Strategies

1. Focus on one – two mitigation strategies per natural hazard
2. FEMA requires at least one mitigation strategy per hazard
3. Each project will be assessed on the vulnerability and impacts

Mitigation Project 1	
Question	Response
1A	Describe the project:
1B	<p>What <u>are</u> the natural hazard(s) associated with this project?</p> <ul style="list-style-type: none"> <li>• Coastal Hazards (Tsunami, Daily Tides, King Tides, El Nino, <u>Beach</u> and Coastal Erosion)</li> <li>• Drought</li> <li>• Geological Hazards (Earthquake, Landslide)</li> <li>• Inland Flooding</li> <li>• Severe Weather (High Winds, Extreme Heat, Severe Rainstorms)</li> <li>• Wildfire</li> </ul>
1C	Is this project addressing a critical infrastructure? (i.e. Fuel refineries, Telecommunications networks, Sewer systems, Water treatment plants, Hospitals and healthcare facilities, Schools, Government buildings, Fire stations, etc.)







# Next Steps

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# Public Survey Reminder

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**Survey Timeline:** November 30 – January 30

**Audience:** General Public

**Intent:** Gather information and insights from residents and individuals associated with the City of Manhattan Beach regarding their awareness, concerns, and preparedness related to various natural hazard events.

**The survey aims to assess the community's level of understanding of these hazards, their impact on properties, and the measures taken to mitigate risks.** Additionally, the survey seeks input on the types of mitigation projects and policies that local government should focus on to strengthen the community's resilience to natural hazards.

**How to complete:** Please be on the lookout for a survey link which will be posted to the City website on November 30.



# Committee Meeting #4

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**Date:** Tuesday, January 30

**Time:** 9:30 AM – 11:30 AM

## Topics:

- Final prioritized project list and prioritization survey
- Risk Analysis
- Next Steps Discussion (Continued Education/Outreach and Plan Maintenance)



# Action Items

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## **CONSTANT ASSOCIATES**

- Prepare for Committee Meeting #4 on 1/30/24
- Continue Incorporating feedback into 2024 Local Hazard Mitigation Plan (LHMP)
- Disseminate meeting #3 minutes and materials following this meeting

## **City of Manhattan Beach:**

- Post meeting minutes and materials on LHMP website.
- Prepare for Committee Meeting # 4 on January 30, 2024.
- Continue Education/Outreach and Community Engagement through plan development.

## **Committee Members/Members of the Public:**

- Attend Committee Meeting #4 on 1/30/24
- Complete Public Survey by 1/30/24





# Questions or Comments?

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# Thank You

Amanda MacLennan ([amaclennan@manhattanbeach.gov](mailto:amaclennan@manhattanbeach.gov))

Dylan Yates ([dylan.yates@constantassociates.com](mailto:dylan.yates@constantassociates.com))

Monica Machacek-Chiapello ([monica@constantassociates.com](mailto:monica@constantassociates.com))

Michelle Klein ([michelle.Klein@constantassociates.com](mailto:michelle.Klein@constantassociates.com))

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