

# Hazards and Climate Resilience Plan 2025 Update

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# Background and Purpose

## What it is:

- Citywide action plan to improve resilience to natural hazards and climate change impacts. Includes priority actions (projects, plans, programs) for strategic funding.

## Why we have it:

- Fed: Eligibility for FEMA grants. *2020 Plan needs to be updated and adopted by July 2025.*
- State: Compliance with SB 379; AB 2140 incentive
- Local: Companion to Safety & Resilience Element; Climate Action Plan.



2025 Draft available for public comment available at:  
[www.OneSanFrancisco.org](http://www.OneSanFrancisco.org)

# HAZARDS

The HCR characterizes 13 natural hazards that impact San Francisco. The hazards are grouped into four different types: geological, weather-related, fire-related, and biological & toxic. This chapter also includes an overview of climate change science and how climate change influences hazards in San Francisco.

## GEOLOGICAL



EARTHQUAKE



TSUNAMI



LANDSLIDE



DAM OR RESERVOIR  
FAILURE

## WEATHER-RELATED



FLOODING



HIGH WIND



EXTREME HEAT



DROUGHT

## FIRE-RELATED



LARGE URBAN FIRE



WILDFIRE



POOR AIR QUALITY

## BIOLOGICAL & TOXIC



PANDEMIC

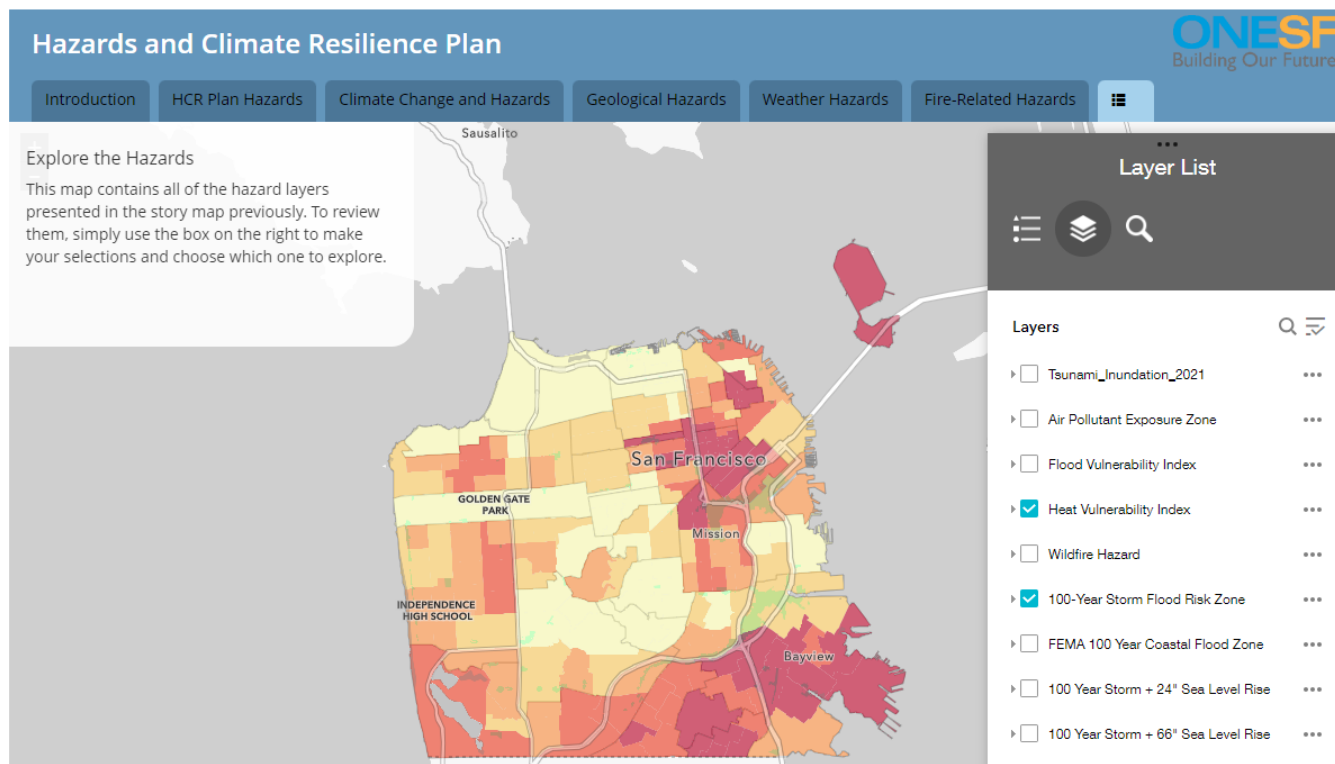


HAZARDOUS  
MATERIALS

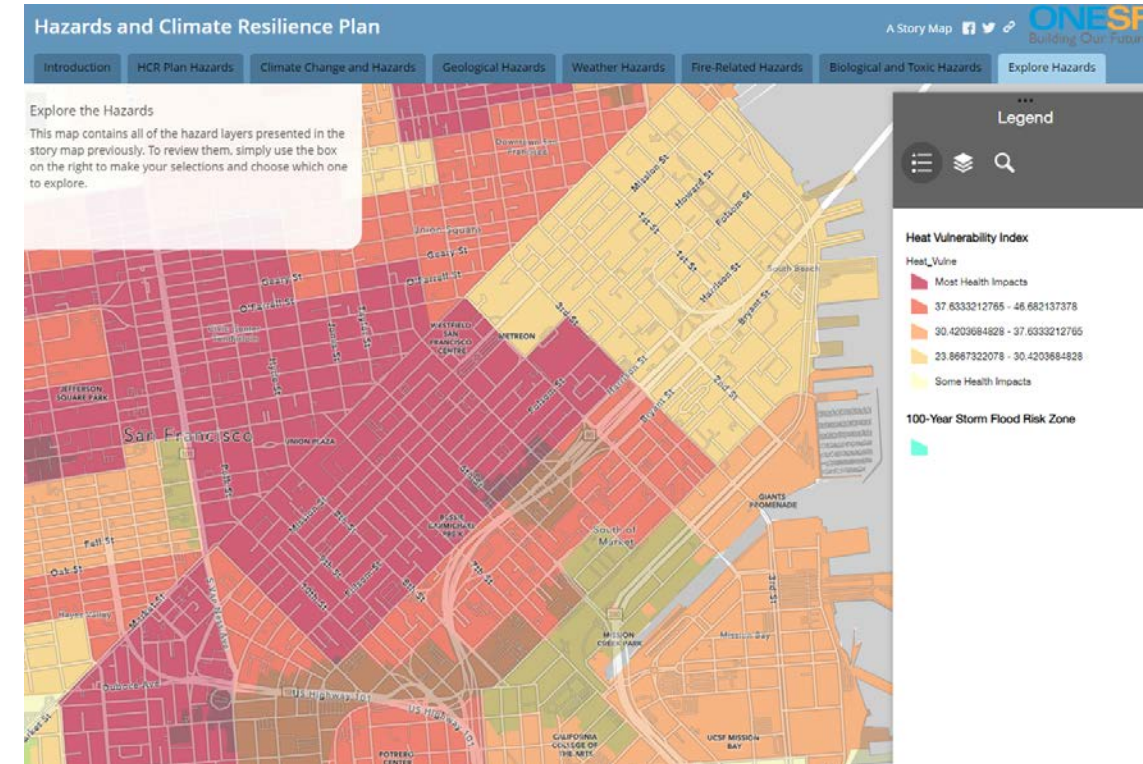
# Makes Hazard Data More Accessible

## Hazards and Climate Resilience Storymap

[www.OneSanFrancisco.org/hazards](http://www.OneSanFrancisco.org/hazards)



Toggle on and off a wide range of hazards, such as extreme heat and 100-year storm flood risk.



Zoom into a neighborhood of interest.

# Climate Resilience in San Francisco





# 2025 Update Key Milestones



# 2025 Draft Resilience Pillars and Objectives

## (B) BUILDINGS

B-1	Increase the resilience of existing seismically vulnerable buildings.	
B-2	Increase climate and multi-hazard resilience of existing buildings.	
B-3	Design and construct new buildings for high resilience performance for current and future hazards.	←

## (C) COMMUNITIES

C-1	Limit exposure and protect public health against hazards related to environmental health.	←
C-2	Support the growth of community resilience networks to empower all people.	←
C-3	Increase the City's capacity to improve resilience through collaboration among peer agencies, the private sector, and community-based organizations	←
C-4	Support robust emergency response planning in partnership with communities most adversely impacted by hazards.	
C-5	Prepare small businesses and workers to bounce back faster after a hazard.	
C-6	Make housing more affordable to increase community adaptive capacity.	←

## (IN) INFRASTRUCTURE

IN-1	Increase the resilience of electric power systems and increase access to resilient backup power.	
IN-2	Increase the resilience of critical communications systems.	
IN-3	Support sustainable and resilient multi-modal mobility.	←
IN-4	Promote, design, and use nature-based solutions to mitigate current and future hazards.	
IN-5	Protect waterfront assets and communities from near-term flooding and seismic hazards.	←
IN-6	Adapt the city's bay and ocean shorelines to current and future climate flood hazards.	←
IN-7	Increase the resilience of local water and wastewater systems to natural hazards and climate change.	
IN-8	Increase resilience of the regional water system to natural hazards and climate change.	

← = Objective with Planning-led action(s)

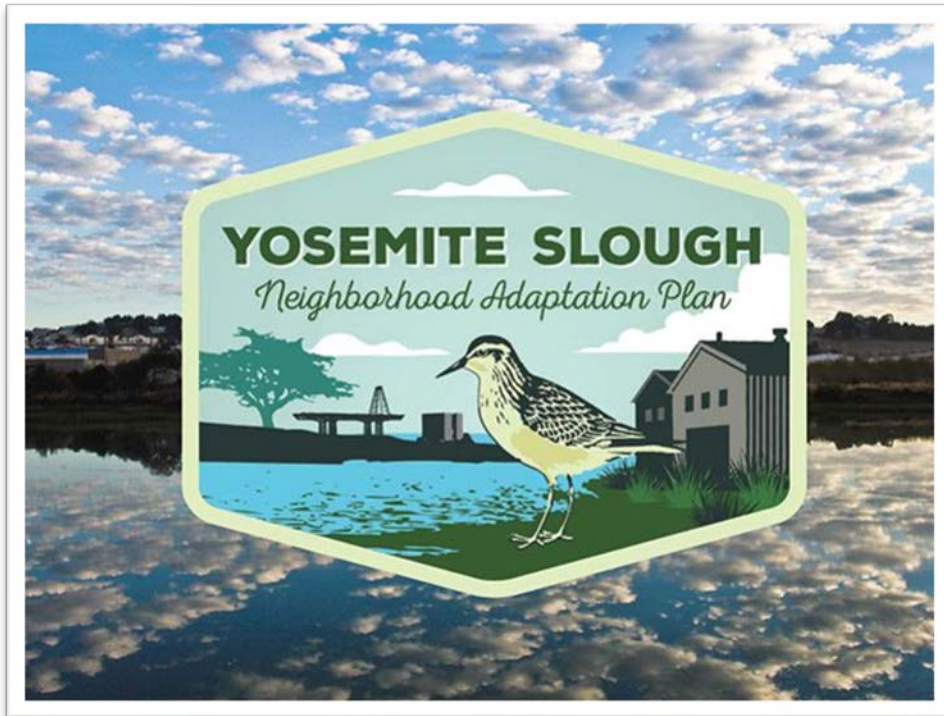
← = Objective with Planning-partnered action(s)

# 2025 Draft Actions with Planning as Lead

Code	Action Title	Lead(s)
<b>(IN) INFRASTRUCTURE</b>		
IN-6.1	Develop subregional shoreline resiliency plan by 2034 per SB 272	Planning, ORCP
IN-6.3	Develop the Yosemite Slough Neighborhood Adaptation Plan	Planning

New

New



- 1 Bayview South
- 2 Bayview North
- 3 Potrero Hill/Central Waterfront
- 4 South of Market/Mission Bay
- 5 Financial District
- 6 North Beach/ Fisherman's Wharf
- 7 Marina/Presidio
- 8 Treasure/Yerba Buena Island



# 2025 Draft Actions With Planning as Partner

Code	Action Title	Lead(s)	
<b>(B) BUILDINGS</b>			
B-3.1	Continue to implement the Sea Level Rise Capital Planning Guidance and update as new science is available.	ORCP	
B-3.2	Develop multi-hazard resilience design guidelines for capital planning.	ORCP	
B-3.3	Incorporate flood resilience into the San Francisco Building Code.	SFPUC	
<b>(C) COMMUNITIES</b>			
C-1.1	Develop projects in green infrastructure priority zones.	ORCP	New
C-2.1	Continue to support neighborhood level capacity building.	DEM, ORCP, DPH	
C-3.1	Coordinate resilience engagement across departments and projects through ClimateSF.	ORCP	New
C-3.5	Develop citywide policy and proposed governance structure for flood resilience.	SFPUC	New
C-6.1	Continue to meet housing production goals.	MOHCD, OCII, TIDA, OEWD	

# 2025 Draft Actions With Planning as Partner

Code	Action Title	Lead(s)
<b>(IN) INFRASTRUCTURE</b>		
IN-3.2	Study, plan, design, and implement improvements to the multimodal transportation system that are vulnerable to coastal flooding.	SFMTA
IN-5.1	Implement Embarcadero Early Projects to address areas of highest earthquake and flood risk along the Embarcadero waterfront.	Port
IN-5.3	Develop projects and seek funding to implement the Islais Creek Southeast Mobility Adaptation Strategy (ICSMAS).	Port, DPW, SFMTA
IN-6.2	Advance the Waterfront Resilience Program and San Francisco Waterfront Coastal Flood Study to reduce flooding and seismic risk along the 7.5 miles of Port jurisdiction.	Port
IN-6.5	Advance the Adaptive Management Strategy from the Treasure Island Infrastructure Plan to ensure continual protection to changing conditions.	TIDA
IN-6.6	Develop and support major development projects and public/private partnerships that deliver resilient waterfront infrastructure.	Port, TIDA, OCII
IN-6.7	Develop comprehensive assessments of combined flood risks in each watershed.	SFPUC

New

New

Thank you!  
Questions or feedback?

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