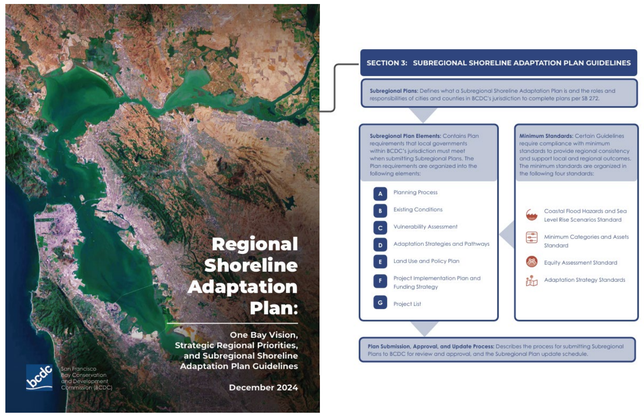
Project Background

New State Requirements

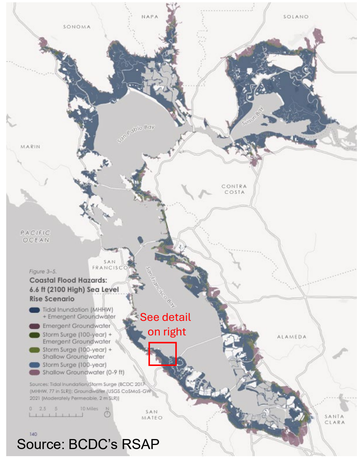


Community Concern

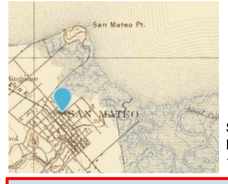


Coyote Point during a king tides event.
Source: California King Tides Project

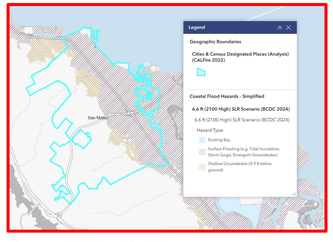
Flood Risk



Source: BCDC's RSAP



Source: USGS Historic Topo 1892



Source: BCDC's RSAP Atlas

Opportunities for Engagement and Input

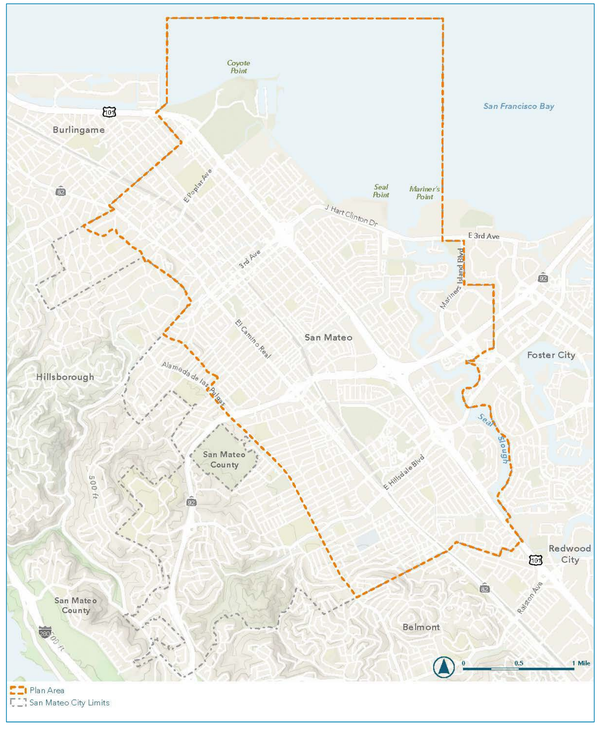
- Meeting #1 – Oct '26 Existing Conditions and Vulnerability Assessment (Elements B, C)
- Meeting #2 – July '27 Vulnerability Assessment and Adaptation Strategies (Elements C, D)
- Meeting #3 – Feb '28 Draft Climate Adaptation Plan (Elements D, E, F, G)

Scan for the Project Website:

Then scroll to:

How to Get Involved
Sign up for Email Alerts (check the "Sustainability News and Events" list) to receive project updates, event announcements, and feedback opportunities.

Project Study Area / Local Vision



We want to hear your input!

Share your thoughts with staff, leave comments on the boards using Post-it notes, or provide feedback on a comment card.

- Where have you observed flooding in the City over the years?
- Which areas feel most vulnerable or in need of attention?
- What is your vision for the future of the City's shoreline – add your thoughts on the map on the left? What are the unique local conditions and opportunities that should be included in the plan?

A project by: City of San Mateo

With funding from: Caltrans

Technical services by: ESA

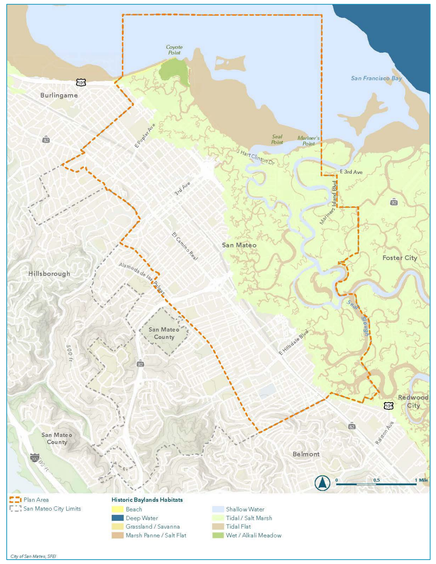
Existing Conditions

Physical and Ecological Characteristics

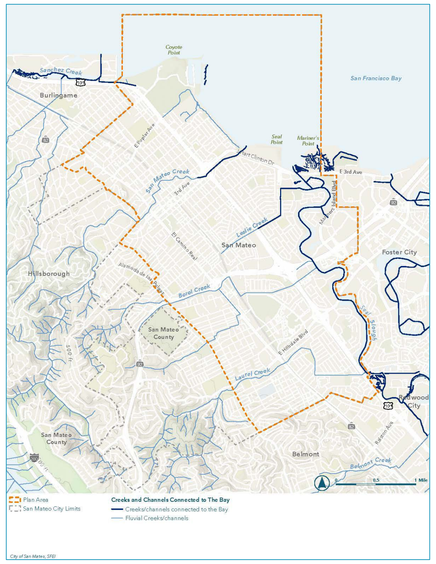
A project by:

With funding from:

Historic Baylands



Creeks and Channels



Shoreline Features



Existing Baylands

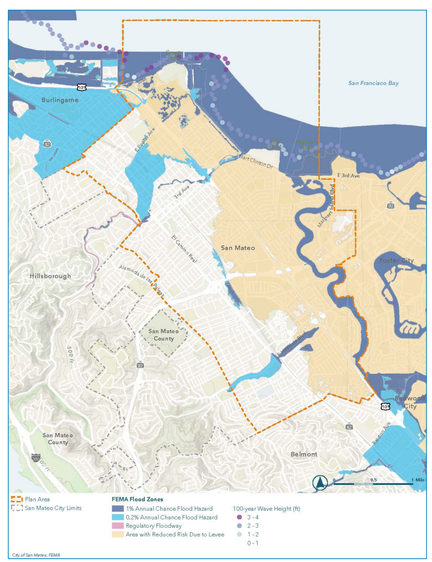


Tidal Marsh at Mariner's Point. Source: ESA.

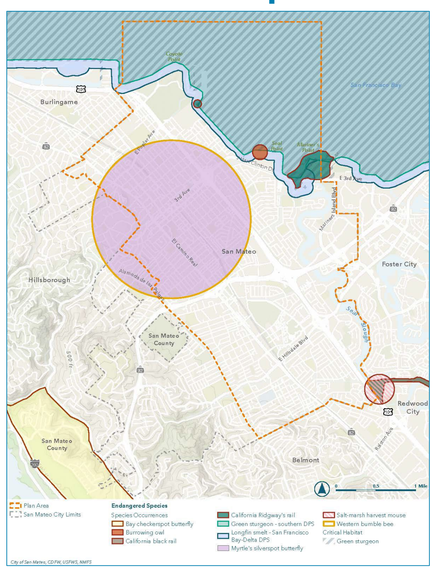
Opportunity for input :

We want to know if/how you interact with Baylands habitats!

Federal Emergency Management Agency (FEMA) Flood Zones



Protected Species



We want to hear your input!

Share your thoughts with staff, leave comments on the boards using Post-it notes, or provide feedback on a comment card.

- Please share how you interact with Baylands habitats and mark the places that you use and love on the maps. What you value about these areas or would like to see enhanced?
- What flooding impacts or drainage issues have you observed or experienced in the City? Please mark those areas on the maps.
- Which of these categories on the left seems most vulnerable or in need of attention?

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Public Workshop #1 | October 6, 2026

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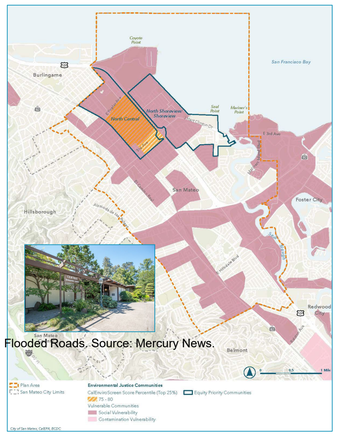
Technical services by:

Existing Conditions

Populations, Assets, Sectors, Services, and Land Uses

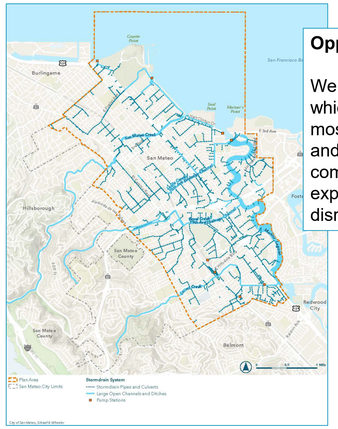
A project by: With funding from:

Community Health and Well-being



Flooded Roads. Source: Mercury News.

Storm Drains



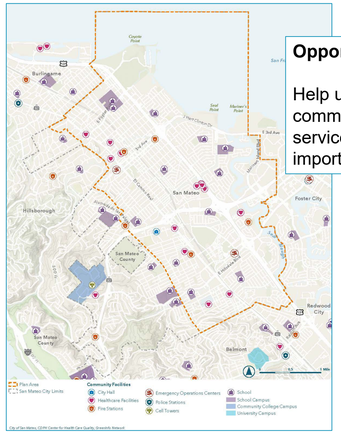
Opportunity for input:

We want to know which services are most critical for you and whether your community has experienced service disruptions.

Evacuation Routes



Community Facilities



Opportunity for input:

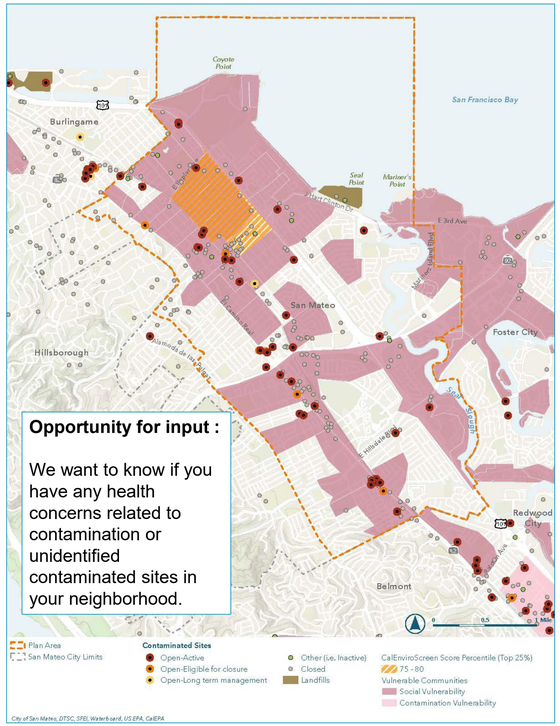
Help us in identifying community assets and services that are important to you!

Public Access and Recreation



Coyote Point Recreation Area. Source: ESA.

Shoreline Contamination

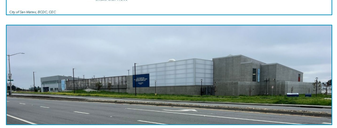


Opportunity for input :

We want to know if you have any health concerns related to contamination or unidentified contaminated sites in your neighborhood.

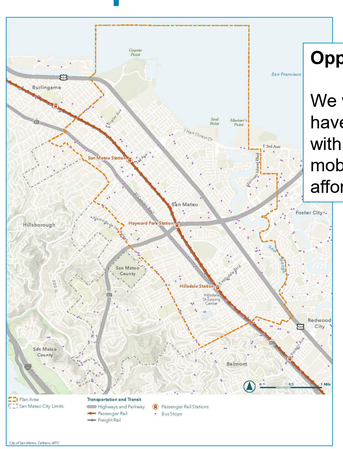
Critical Infrastructure





San Mateo Wastewater Treatment Plant. Source: ESA.

Transportation and Transit



Opportunity for input:

We want to know if you have any challenges with transportation mobility and affordability.

We want to hear your input!

Share your thoughts with staff, leave comments on the boards using Post-it notes, or provide feedback on a comment card.

- Please share which community assets and services are most important to you and feel free to mark them on the maps.
- Please share which services are most critical for you and whether your community has experienced service disruptions from flooding,
- Are there parks, trails, or shoreline areas that are difficult or unsafe for you to reach? Where, and why?
- Please share any challenges that you may have had with transportation mobility and affordability.
- Please share if you have any health concerns related to contamination or unidentified contaminated sites in your neighborhood.

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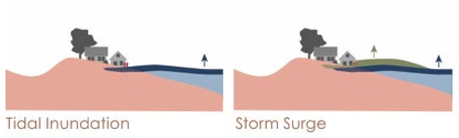
Technical services by: ESA

Vulnerability Assessment

A project by:

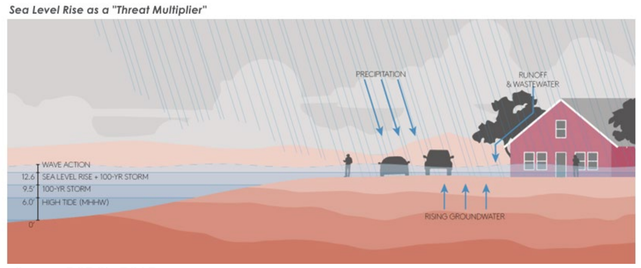
With funding from:

Exposure to Coastal Flood Hazards



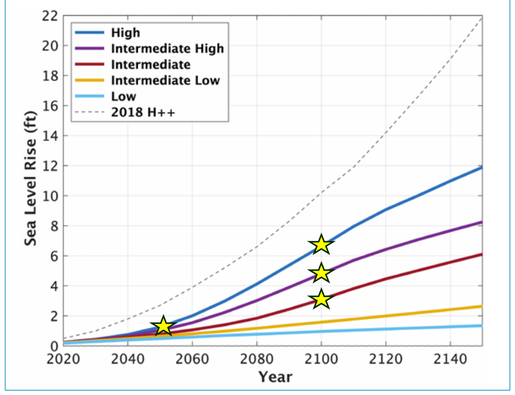
Source: BCDC's RSAP

Shoreline Flood Risk Conditions

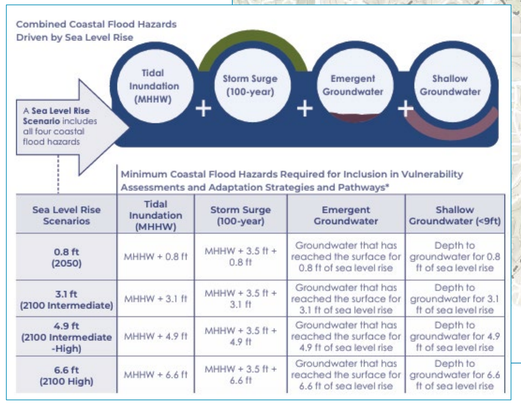


Source: BCDC's RSAP

Sea Level Rise Scenarios and Coastal Flood Hazards



Source: OPC's State of CA Sea Level Rise Guidance, 2024



Minimum Coastal Flood Hazards Required for Inclusion in Vulnerability Assessments and Adaptation Strategies and Pathways*

Sea Level Rise Scenarios	Tidal Inundation (MHHW)	Storm Surge (100-year)	Emergent Groundwater	Shallow Groundwater (<9ft)
0.8 ft (2050)	MHHW + 0.8 ft	MHHW + 3.5 ft + 0.8 ft	Groundwater that has reached the surface for 0.8 ft of sea level rise	Depth to groundwater for 0.8 ft of sea level rise
3.1 ft (2100 Intermediate)	MHHW + 3.1 ft	MHHW + 3.5 ft + 3.1 ft	Groundwater that has reached the surface for 3.1 ft of sea level rise	Depth to groundwater for 3.1 ft of sea level rise
4.9 ft (2100 Intermediate -High)	MHHW + 4.9 ft	MHHW + 3.5 ft + 4.9 ft	Groundwater that has reached the surface for 4.9 ft of sea level rise	Depth to groundwater for 4.9 ft of sea level rise
6.6 ft (2100 High)	MHHW + 6.6 ft	MHHW + 3.5 ft + 6.6 ft	Groundwater that has reached the surface for 6.6 ft of sea level rise	Depth to groundwater for 6.6 ft of sea level rise

Source: BCDC's RSAP

Vulnerability Assessment in Priority Areas

Flood Risk = Hazard x Exposure x Vulnerability

Hazard	Exposure	Vulnerability
• Tidal inundation • Storm surge • Groundwater emergence • Shallow groundwater rise	• 0.8 ft (2050) • 3.1 ft (2100 Intermediate) • 4.9 ft (2100 Intermediate High) • 6.6 ft (2100 High)	• Sensitivity • Adaptive capacity • Consequence

Source: BCDC's RSAP



Opportunity for input:

Help shape which assets and services are included in the more detailed vulnerability assessment!

We want to hear your input!

Share your thoughts with staff, leave comments on the boards using Post-it notes, or provide feedback on a comment card.

- **Which assets and services should be included in the more detailed vulnerability assessment?**

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