Pre-Proposal Workshop

Colma Creek Watershed Plan of Opportunities and Feasibility to Meet Long-Term Multi-Benefit Resilience Objectives

San Mateo County Flood and Sea Level Rise Resiliency District

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Johnathan Perisho, Project Manager

February 11, 2025

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Outline

- OneShoreline Background
- Project Area
- Colma Creek Watershed Plan RFP
- Dates
- Questions

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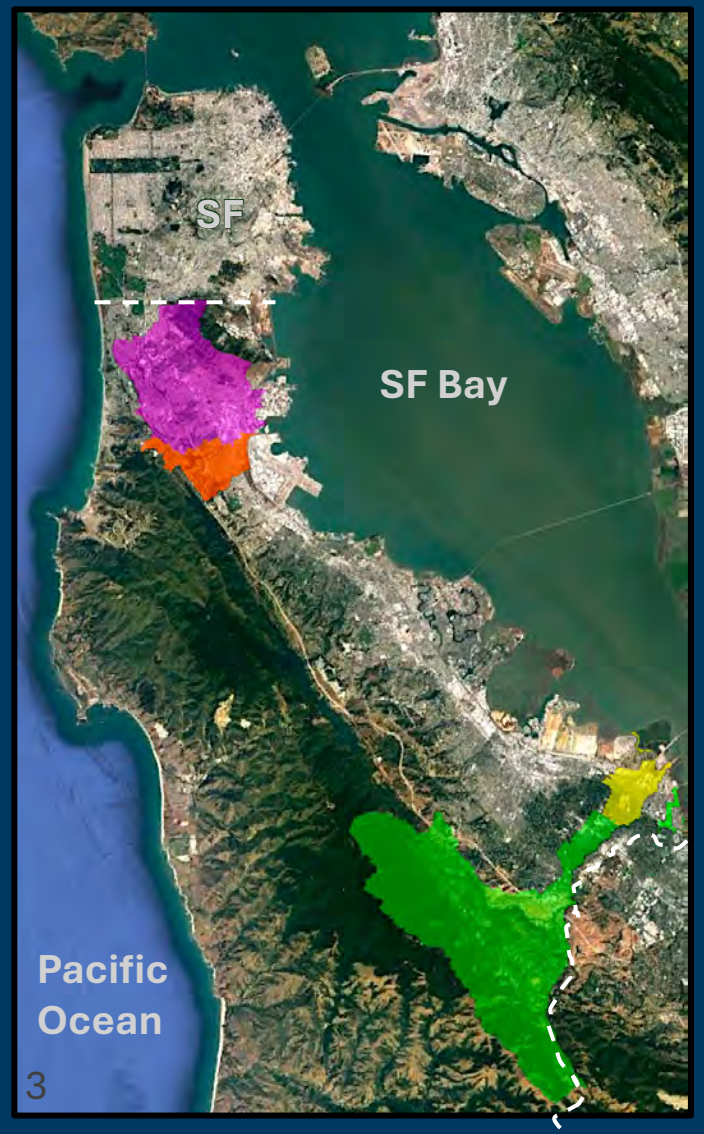
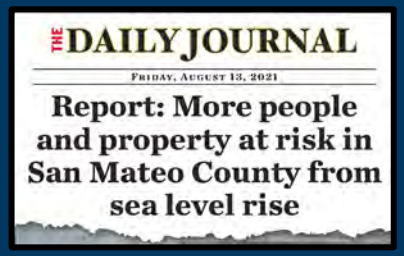
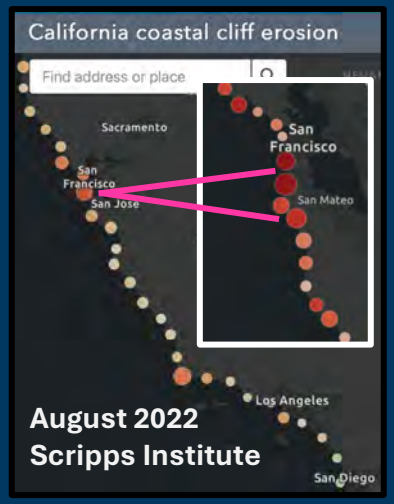
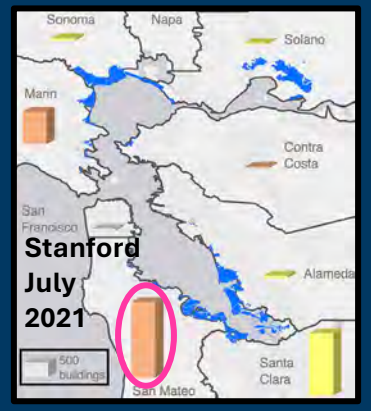
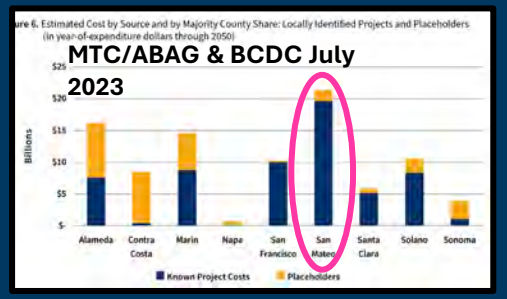
OneShoreline Background











Climate change is a transformative challenge that local jurisdictions were not well-positioned to address individually.

State law created OneShoreline on Jan 1, 2020 as the first independent government agency in CA to plan and build regional resilience related to the water-related impacts of climate change: flooding, sea level rise, groundwater rise, and coastal erosion.

A holistic approach to:

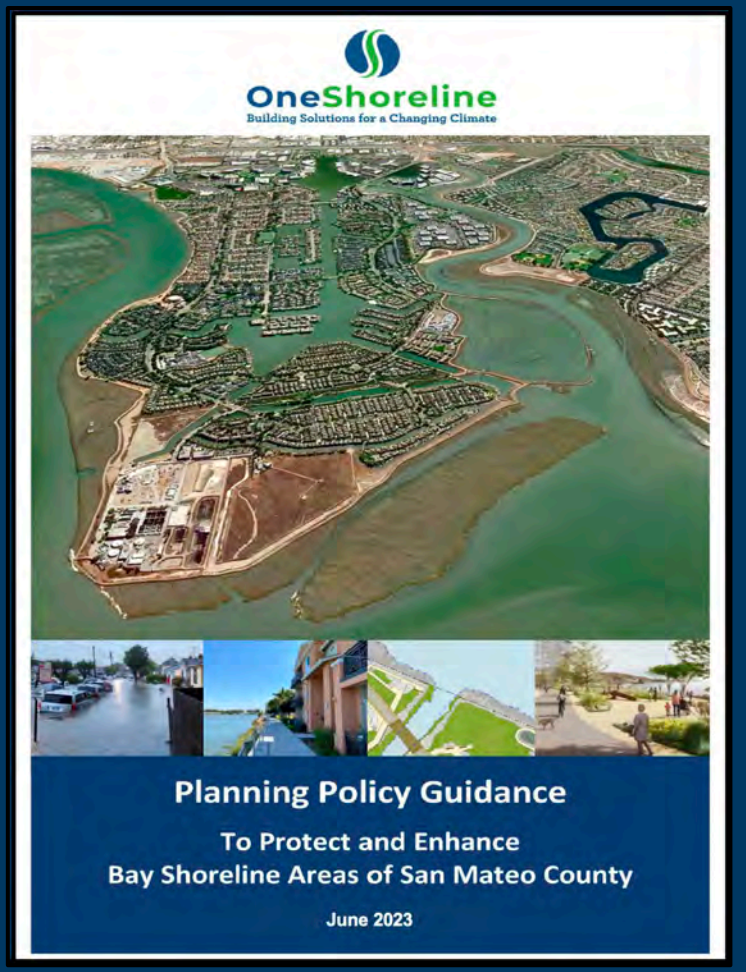
THREATS

GEOGRAPHY

OBJECTIVES

OneShoreline Priorities

Plan land use and infrastructure for future climate-driven conditions



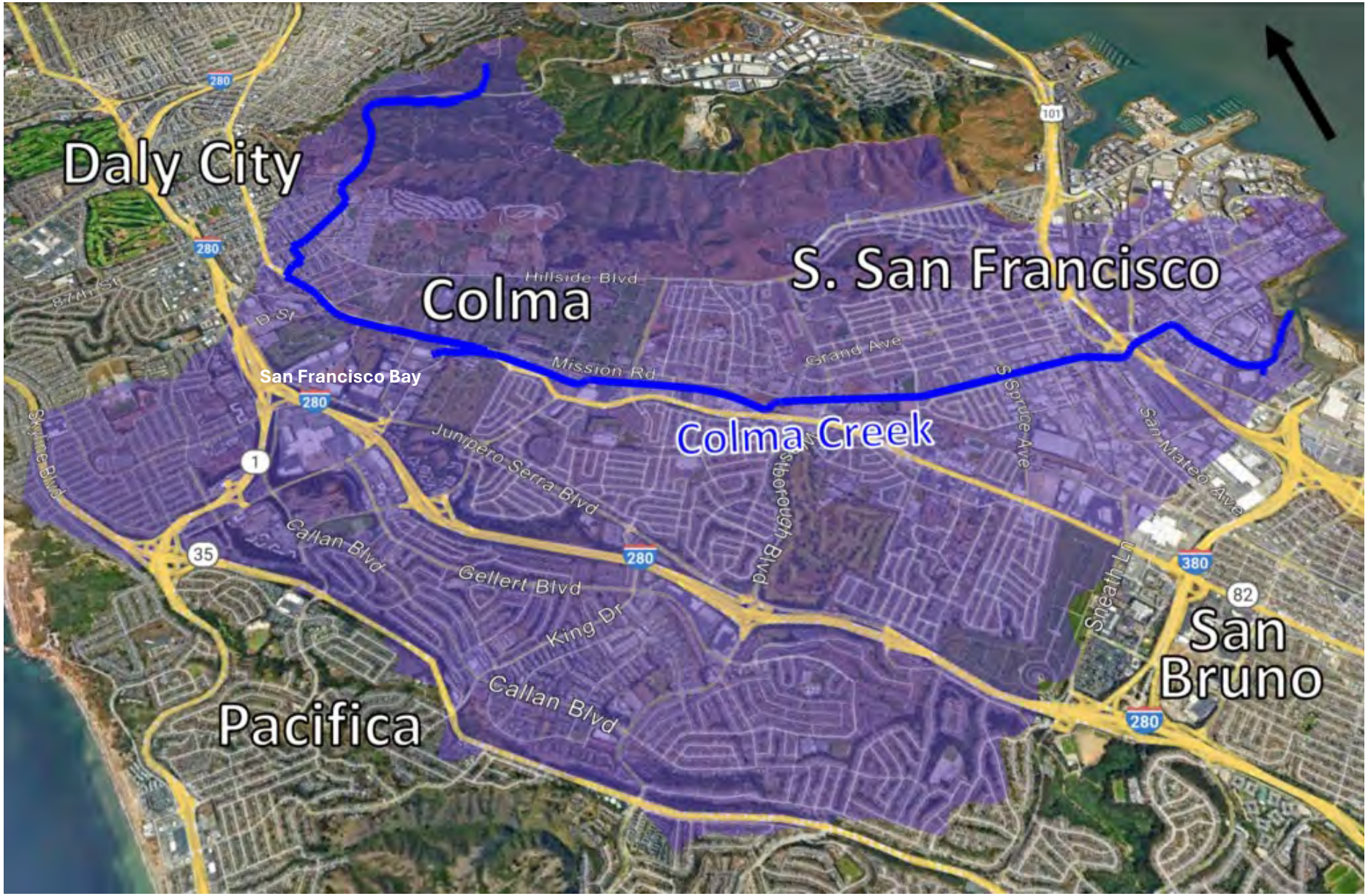
Documents that guide what we want our communities to look like should require that we site and design: buildings (including housing), roads, utilities, parks, etc. so these assets can function for their intended lifespan as the climate changes.

OneShoreline Priorities

Advance projects that align short- and long-term resilience across jurisdictions

Develop ongoing funding to sustain efforts for resilience today and long-term

Project Area



Project Area






Colma Creek Watershed Plan

Goals:

Inform priority projects to improve and support:

- Increase of system capacity to reduce flood risks
- Water quality
- Resilience for infrastructure, ecological functions, and recreational opportunities
- Public safety along creek banks

Colma Creek Watershed Plan

Scope of Work:

Task 1.0 — Project Management and Partner Engagement

Task 2.0 — Review Existing and Ongoing Plans and Reports

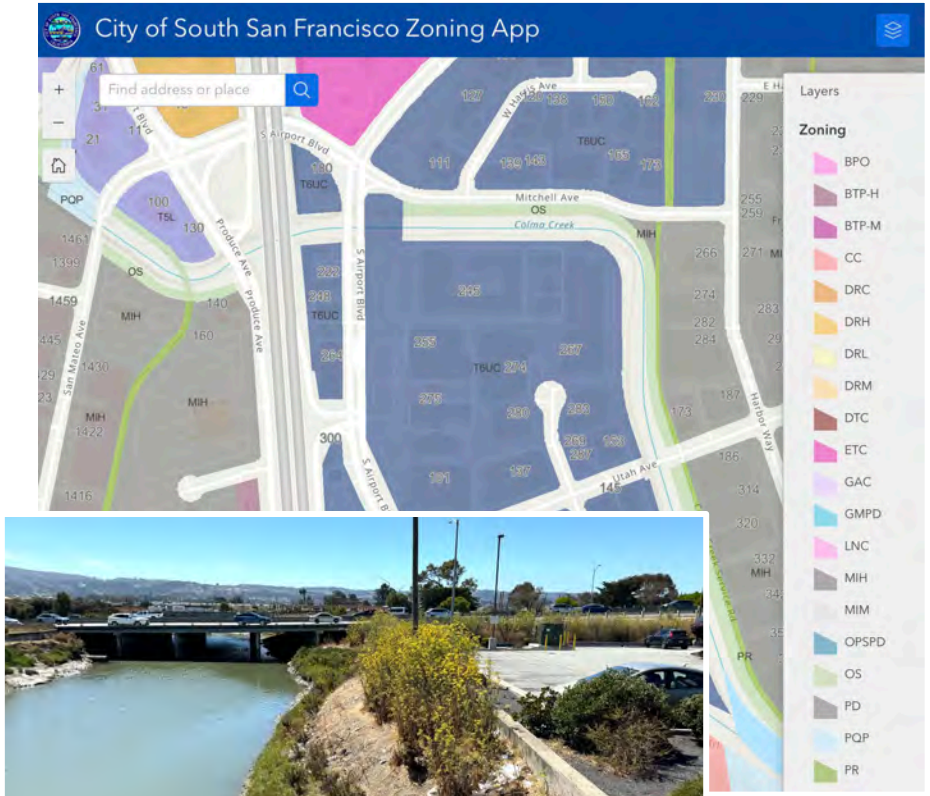
Task 3.0 — Develop Planning Criteria and Assumptions

Task 4.0 — Develop and Assess Scenarios

- Channel Capacity Scenarios
- Watershed Stormwater Capture Projects
- Floodplain and Setback Analysis in Concert with City Land Use Decisions

Task 5.0 — Evaluate Projects and Develop Implementation Plan

Task 6.0 — Final Report



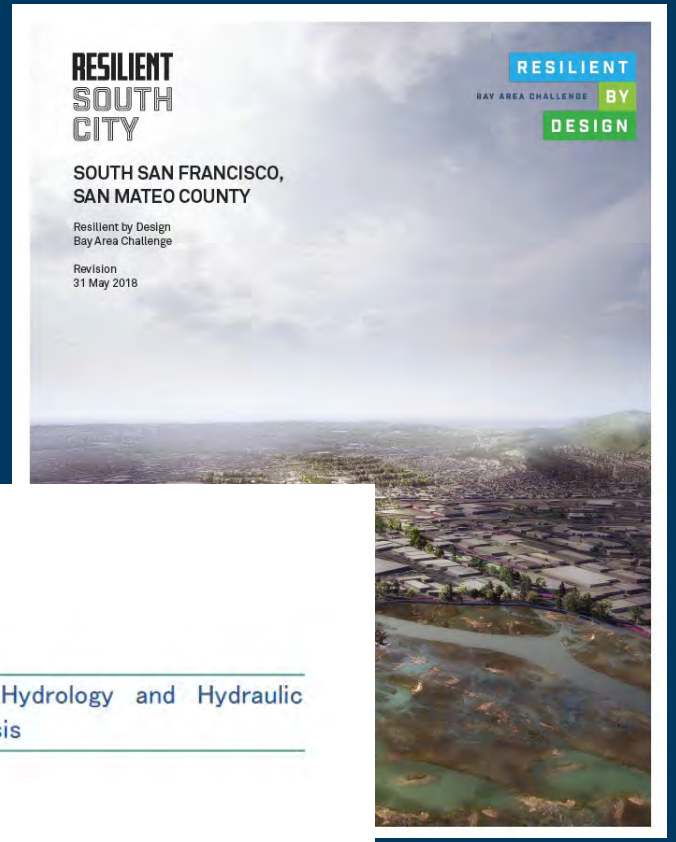
Resources

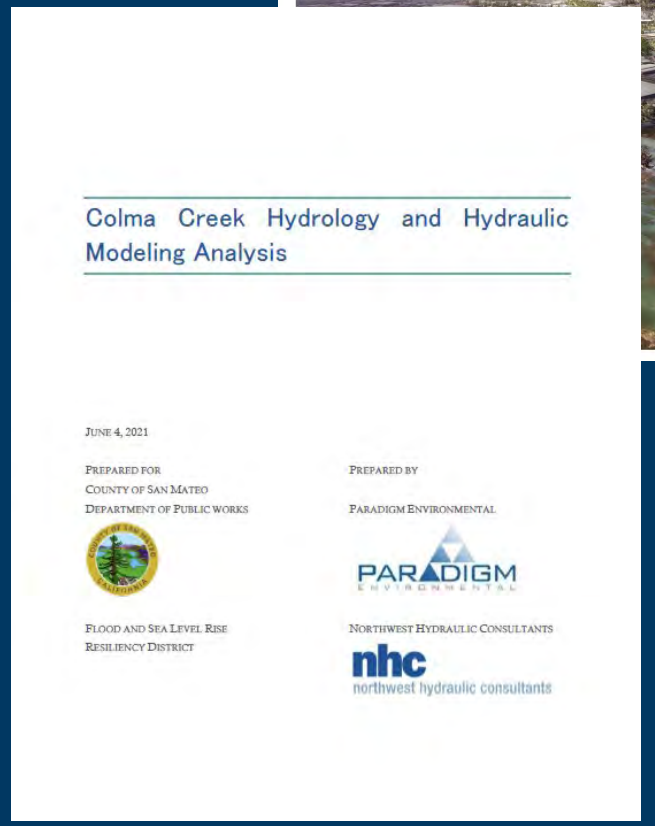
Paradigm 2021. Colma Creek Hydrology and Hydraulic Modeling Analysis.

City of South San Francisco 2023. City of South San Francisco Lindenville Specific Plan.

Hassell 2018. Resilient South City. Resilient by Design Bay Area Challenge.

Hassell 2020. Colma Creek Adaptation Planning.





Proposals

Proposals must be in font size 11 pt and not exceed 20 pages, including any supporting materials:

- Cover letter
- Title page
- Organizational chart
- Technical proposal
- Project schedule
- Fee schedule
- List of team members
- Example projects and references

Electronic submissions only.

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Proposals: Evaluation Criteria

- Engineer holds current State of California Professional Engineer's license
- Experience of the firm(s) and the staff to be assigned to the Project
- Quality, responsiveness, and completeness of proposal
- Quality of the proposed solution, products, and services to be provided
- Project cost
- Ability to perform work within the proposed timeline and in a professional, thorough manner
- Proposer's record of compliance

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Lower Colma Creek Resilience Projects RFP

Goals

- Improve infrastructure resilience along Colma Creek
- Increase flow capacity in Colma Creek
- Improve ecological function, including native species habitat and resilience
- Increase public access and safety

Scope

- Review and integrate existing plans and reports
- Develop conceptual plans and establish hydraulic and structural feasibility
- Develop detailed design packages and construction cost estimates
- Secure necessary permitting, CEQA, and right-of-way work to authorize construction

Dates

- **February 18 at 5:00 PM | Deadline for Questions**
- February 20 at 5:00 PM | Responses to Questions and Addenda Posted
- **February 28 at 5:00 PM | Deadline to Respond**
- March 17, 18, and 19 | Interviews May Be Expected
- April 1, 2025 | Approximate Date of Agreement Execution

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Questions?

Projects@OneShoreline.org

Subject: Lower Colma Creek Resilience Projects RFP

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