

EXECUTIVE SUMMARY

Flood and Sea Level Rise Resiliency Agency Proposal

21st Century Solutions for One Resilient Shoreline



"The sea is rising and we are not prepared. It's really time for us to pull together across city boundaries to help our citizens in the battle against rising waters and the rising costs of coping with this global threat.

To do that, San Mateo County cities must create a joint agency along with the County to ask for federal help."

**—Jackie Speier,
U.S. Congresswoman**



1959 to Today

San Mateo County and its cities have been addressing sea level rise, flooding, coastal erosion, and stormwater retention in a variety of ways

✓ San Mateo County Flood Control District (FCD)

Formed in 1959; addresses flooding in three county flood zones; oversees a budget of approximately \$3.8 million

Colma Creek

Issued bonds to alleviate flooding in South San Francisco

San Bruno

Improved channels and culverts in lower San Bruno Creek

San Francisquito

Member of the San Francisquito Creek Joint Powers Authority

✓ Independent City Efforts

Several cities have pursued flood mitigation projects

Foster City Levees

Will be improved using recent bond money

North Shoreview Flood Projects

Will protect the City of San Mateo from storm surges along the bayshore

✓ Other County Efforts

These planning efforts include County and City/County collaborations that have engaged numerous stakeholders

Stormwater

(C/CAG)

SeaChange Vulnerability Assessment

(Office of Sustainability)

Operational

Landscape Units

(SFEI)

San Mateo Plain

Groundwater Assessment

(SMC Environmental Health)

✓ Flood Resilience Program (FRP)

A County initiative that addresses flood risks in cross-jurisdictional areas through memorandums of understanding (MOUs)

Belmont Creek

Developed a Watershed Management Plan to obtain grants

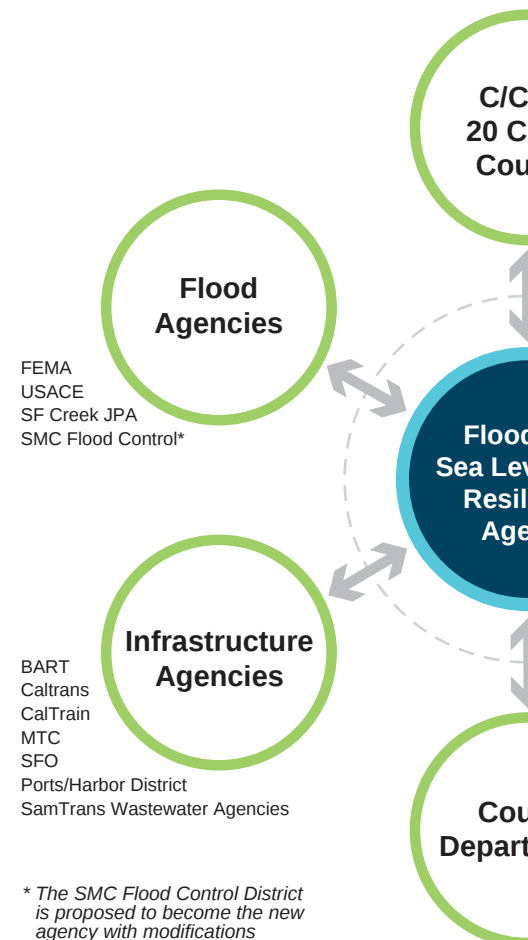
Navigable Slough

Leveraged existing resources to identify near-term solutions

Bayfront Canal

Applied for over \$14 million worth of state/federal construction funding

A Unified Vision One Shoreline



Continued Success

Successful FRP efforts will be carried over into the new priority plan



Navigable Slough
Feasibility Study

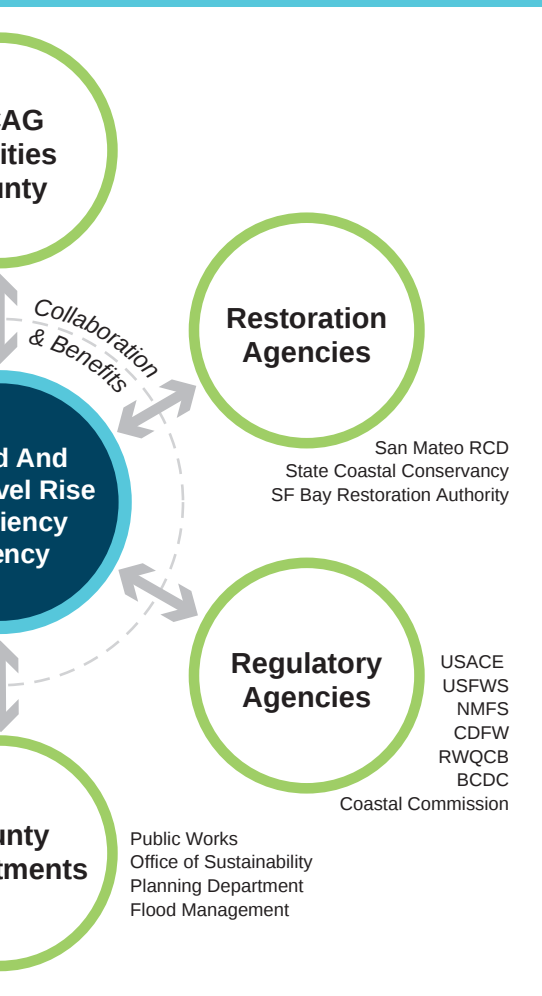


Belmont Creek
Flood Mitigation

Looking Ahead to 2019-2100

The **Flood and Sea Level Rise Resiliency Agency** will speak with one voice without boundaries across San Mateo County to create a resilient shoreline

Voice for a One Solution



Focus on 2100

The agency would develop and implement a plan to prepare San Mateo County's Bayshore and Coastsides for 2100 sea level rise.

Mission & Vision of the Flood and Sea Level Rise Resiliency Agency



The Agency's Mission. The agency would consolidate the work of the SMC Flood Control District and Flood Resiliency Program and initiate new countywide efforts to address sea level rise, flooding, coastal erosion, and large-scale stormwater infrastructure improvements through integrated regional planning, project implementation, and long-term maintenance.



Create Multi-Jurisdictional Solutions. The agency would facilitate and monitor existing FRP MOUs, and create new MOUs, addressing cross-jurisdictional issues.



Leverage State & Federal Funding. By prioritizing and coordinating projects countywide, the agency would position the County to seek substantial state and federal funding.

First Priority Actions

Create the Agency. The Flood and Sea Level Rise Resiliency Agency would be created by modifying the existing FCD through state legislation. A 7 person board (2 county supervisors, 5 city councilmembers) will govern the agency.

Priority Plan. Develop a Flood & Sea Level Rise Resiliency Investment Plan.

Secure Long-term Funding. Secure sustainable long term funding for the agency.

Project Funding. Pursue state and federal grants for planning and implementation of projects.

MOU Services. Continue existing FRP MOUs and create additional MOUs.



Mont Creek
Management Plan



The Bayfront Canal & Atherton Channel
Flood Management and Habitat Restoration Project

City and Countywide Benefits

A vision for 2100: One Resilient Shoreline

Project Assistance. Will plan, permit, design, construct and provide long-term maintenance for projects.

Funding Access. Will access and leverage state and federal funds.

Public Education. Will educate stakeholders and the public on the need for any potential revenue measures to fund the Agency or implementation of projects.

Prioritized Multibenefit Projects. Will ensure that collaborative projects will be coordinated, won't create unintended consequences, and won't duplicate efforts.

Stormwater Detention Solutions. Will be implemented from C/CAG's plan for countywide compliance on the Municipal Regional Permit.



A Resilient Future

Accomplishing these efforts together will ensure that collectively we build our resilient future

Annual Funding

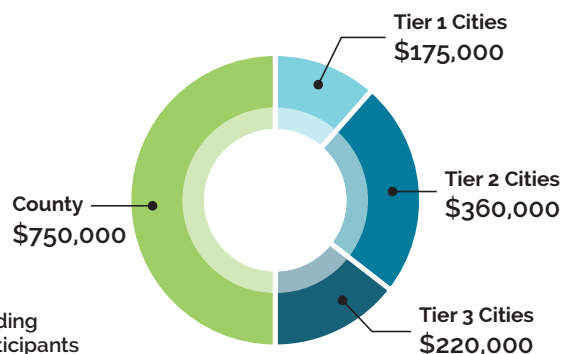
50%
COUNTY

+

50%
CITIES
(BASED ON
POPULATION)

+

Additional funding
from MOU participants



CITY BREAK-DOWN
(BASED ON POPULATION)

	TIER	POPULATION	COST PER CITY	# OF CITIES
	1	0 - 20,000	\$25,000	7
	2	20,001 - 60,000	\$40,000	9
	3	60,001 +	\$55,000	4

LONG TERM FUNDING

A primary objective of the agency in the first 3 years, will be to design an Investment Plan in order to establish a source of sustainable funding. The County and the City would make their annual financial contributions for three years following the Agency's formation. During this three year time period the Agency would pursue an alternative and more sustainable long term funding structure. In the event a long term funding structure is not in place within this three year period, and provided the cities and County agree, the annual funding contributions of the County and the cities will be extended for up to an additional two years.

Contact

Are you ready to leverage our opportunities to create a one shoreline resilient county? Contact **Erika Powell**, San Mateo County, epowell@smcgov.org, (650) 599-1488

Financial Benefit of Acting Now to Create a Resilient Shoreline

*Each \$1 spent on
mitigation saves
an average of \$6 in
future disaster costs.*

Natural Hazard Mitigation Saves:
2017 Interim Report, [www.nibs.org/
page/mitigationsaves](http://www.nibs.org/page/mitigationsaves)