

PREPARING FOR SEA LEVEL RISE IN SAN MATEO COUNTY



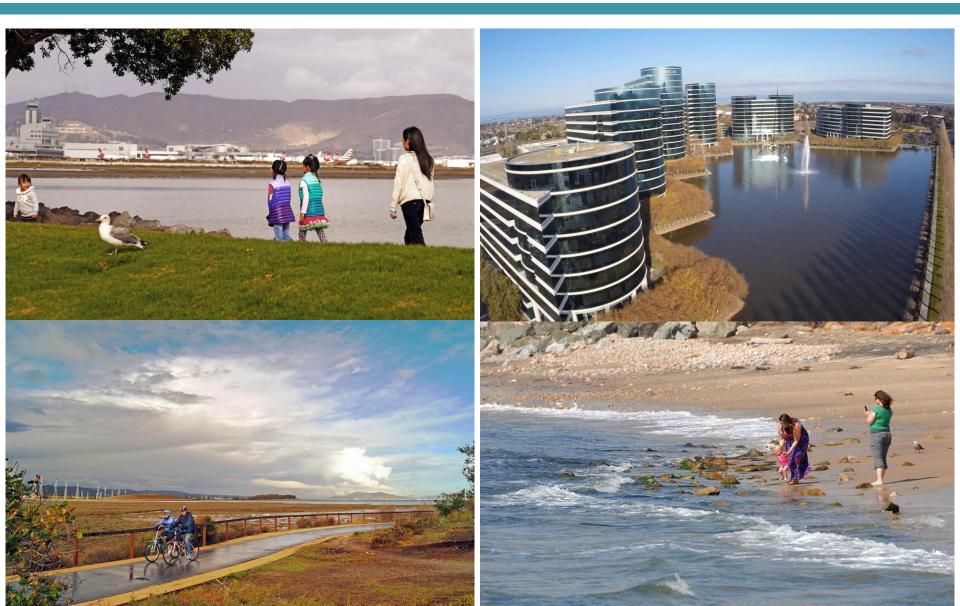
FLOODS, DROUGHTS, RISING SEAS! // MARCH 30, 2018



OVERVIEW

- Sea Change SMC Initiative
- Vulnerability Assessment
- Next Steps

A THRIVING COMMUNITY





PARTNERSHIPS & COLLABORATION

Stakeholder groups advised process



- San Mateo County
 Cities
- Special Districts
- State and Federal Agencies
- Business
- Community Groups
- Research
 Organizations

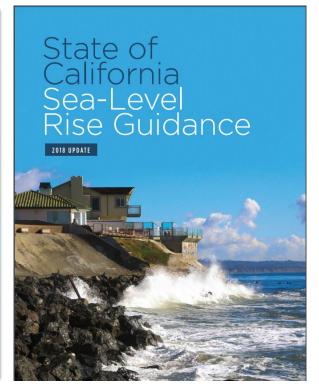
- Community-Based Organizations
- High Schools and Youth Groups
- Other Bay Area
 Counties and Cities
- Plus 1000's of Community Members



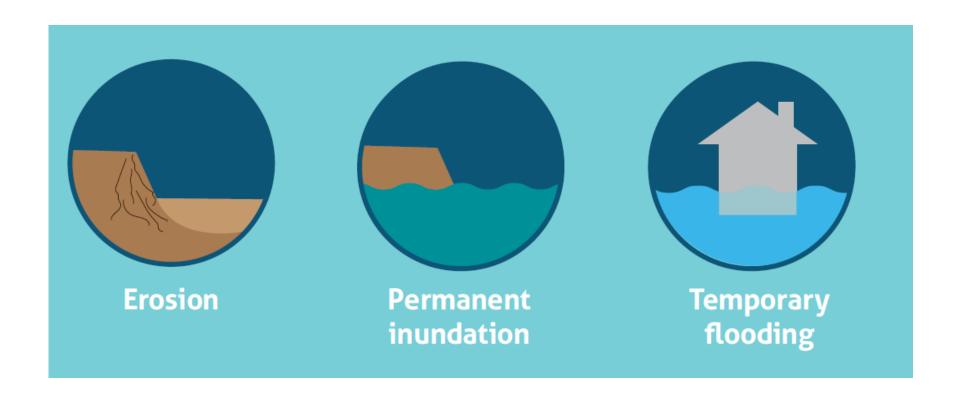
STATE ADOPTED SCIENCE

State of California Sea Level Rise Guidance

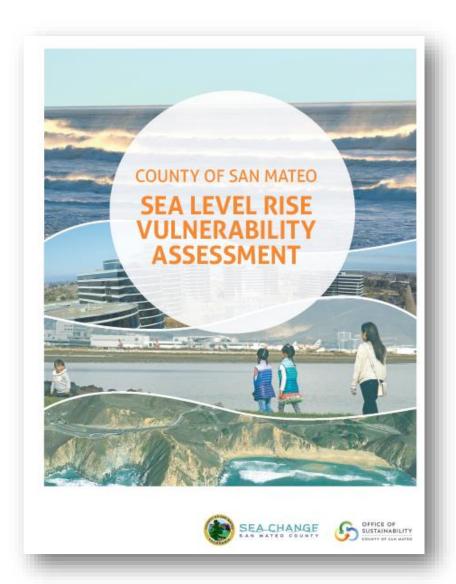
Year	Full Range	Likely Range
2030	4 to 10 in	4 – 6 in
2050	7 to 23 in	7 inches – 13 in
2100	12 to 83 in	12 – 40 in
2100 (high-end)	10 feet	



FUTURE IMPACTS



FINAL VULNERABILITY ASSESSMENT





ASSESS VULNERABILITY



PROVIDE ACTIONABLE RESULTS

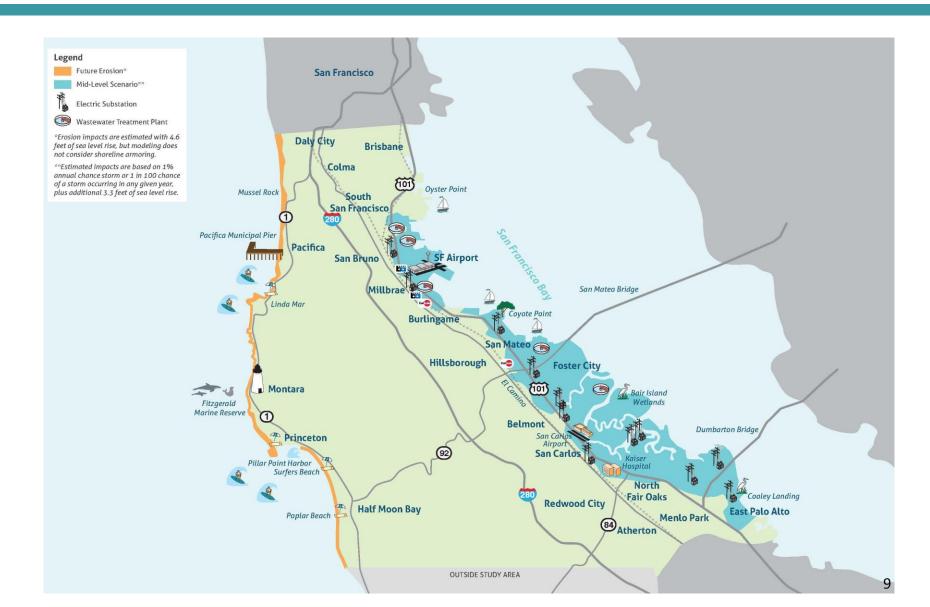


BUILD AWARENESS



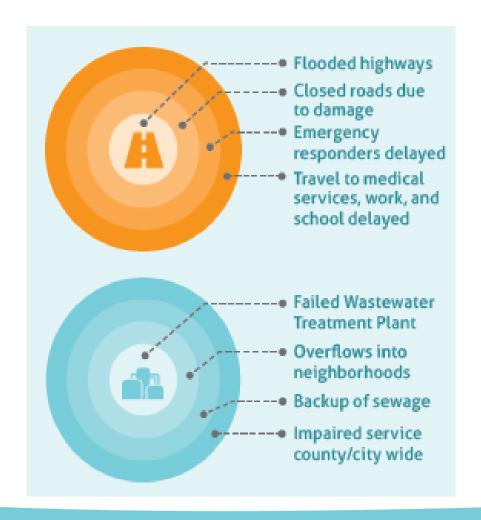
FACILITATE COLLABORATION

VULNERABILITY AND IMPACTS



RISING SEAS AFFECTS US ALL

- Regional and community wide dependency on networked infrastructure
- Community-level risks and impacts



PHASE II: RESILIENCE PLANNING

GOALS:

- Share information
- Be a resource
- Identify and promote collaboration opportunities

STRATEGIES:

- Technical Assistance
- Policy Toolkit/ Model Ordinances
- Coordination across County departments, cities, counties, region

PLANNING FOR THE FUTURE

Assess

- Vulnerability of South Coast and key County Facilities
- Wetlands assessment

Plan

- Framework for local action on preparedness and adaptation
- Menu of adaptation strategies

Implement/Engage

- Update plans and policies to address sea level rise
- Youth and public engagement
- Project concepts and funding strategies

BREAKOUT SESSION QUESTIONS

- What does it look like for San Mateo County to be prepared and successfully adapted to sea level rise and storm events?
- What are 1-2 actions needed to achieve this?



THANK YOU!

Visit www.seachangesmc.com to learn more!

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