



# BayCAN

BAY AREA CLIMATE ADAPTATION NETWORK

## Regional Meeting

## May 2023

## Introductions and Community Builder

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- Rename yourself with name, pronouns, and organization
- In chat, please introduce yourself and respond to the ice-breaker:
  - Name, Organization, City/Community and whose ancestral territory you reside/work in
  - Icebreaker: **What are you looking forward to this summer?**

## Executive Committee



**David Behar**  
*Co-Chair*  
San Francisco Public  
Utilities Commission



**Sarah Church**  
*Co-Chair*  
Alameda County Office  
of Sustainability



**Hoi-Fei Mok**  
*Treasurer*  
City of San Leandro



**Jasneet Sharma**  
*Vice-Chair*  
Santa Clara County



**Katie Van Dyke**  
*Secretary*  
City of Berkeley

## Steering Committee



**Ana Miscolta**  
Thrive Alliance of Nonprofits  
for San Mateo County



**Julio Garcia**  
Rise South City



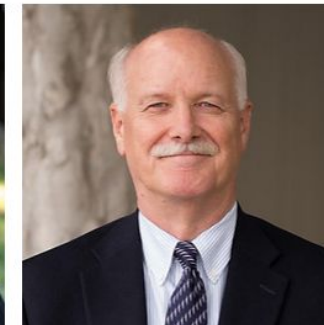
**Lauren Eisele**  
Community Action for a  
Sustainable Alameda  
(CASA)



**Leslie Lacko**  
Marin County



**Susan Silber**  
Collective Resilience



**Warner Chabot**  
San Francisco Estuary  
Institute



**Julia Kim**  
CivicWell



## BayCAN Staff

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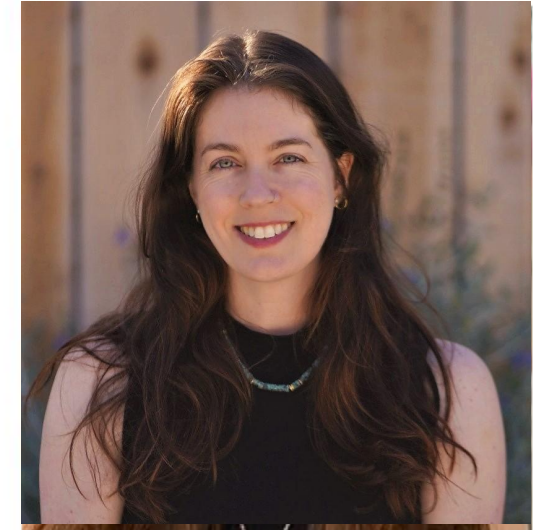
Michael McCormick



Carolyn Yvellez



Violet Wulf Saena



Christina Oraftik



## Agenda

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1. **Intros and Community Builder (9:00)**
2. **Key Outcomes from Recent BayCAN Meetings (9:10)**
3. **Summary of Technical Assistance Mapping Engagement (9:20)**
4. **Technical Assistance Roundtable (9:35)**
5. **Break (10:15)**
6. **CBO Spotlight (10:20)**
7. **Member Share Outs and Announcements (10:40)**
8. **Breakout Group Discussions (11:10)**
9. **Key Meeting Takeaways (11:45)**
10. **Adjourn (12:00)**

## Mission

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*“BayCAN is a collaborative network of local government staff and partnering organizations working to help the Bay Area respond effectively and equitably to the impacts of climate change on human health, infrastructure, and natural systems.”*

## Guiding Our Space

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### Use many ways to engage

- Please feel free to use the chat to share feedback, ask questions, share links, etc. All messages will be saved in a transcript and shared to all participants.
- Please also use the “raise hand” function so that we know you are waiting to speak

### Please announce your name before you speak

- This ensures accessibility for all participants
- Feel free to share your pronouns if you'd like

### Balance taking space and making space

- Let's ensure all voices are heard by speaking up when we need, and keeping comments brief if others are waiting to speak

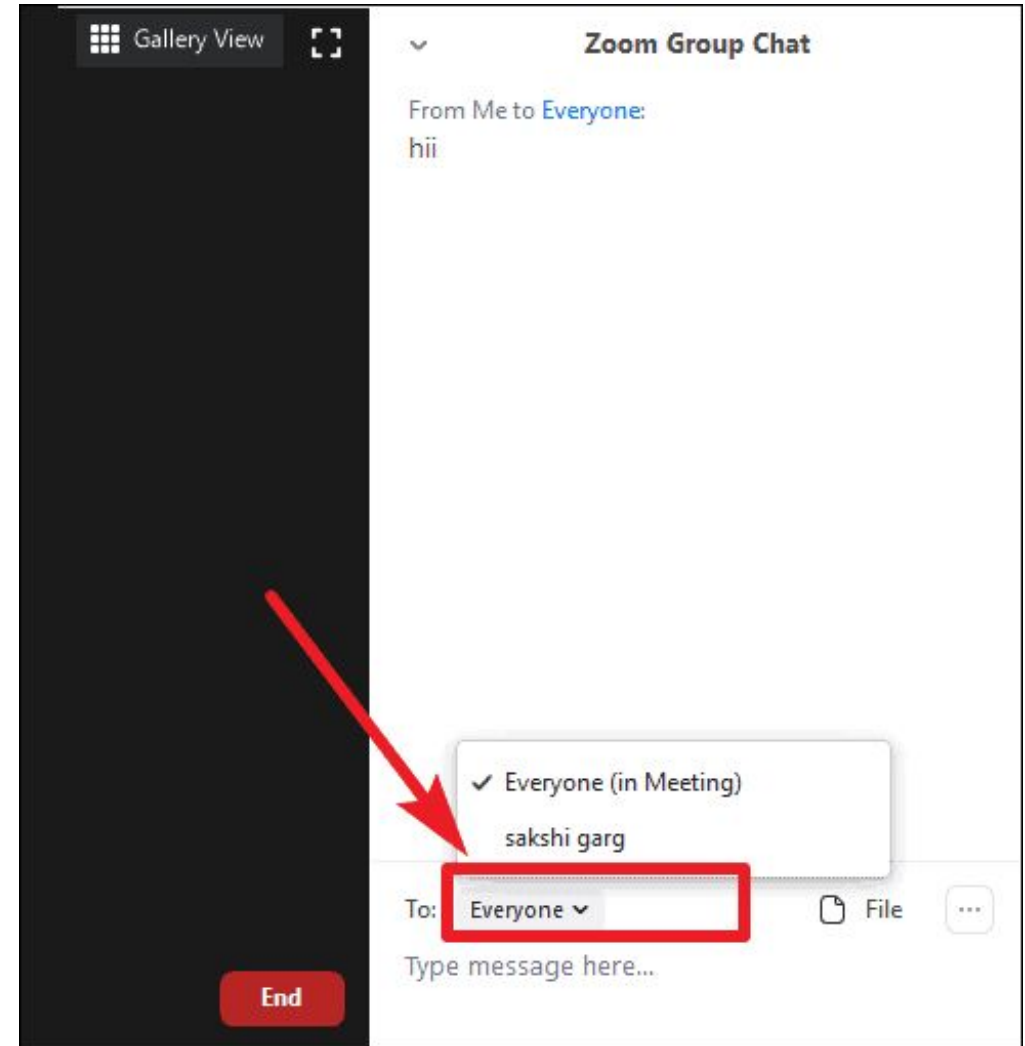
### Center active listening and curiosity



## CBO Stipends

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- ▶ If you represent a no-cost equity-centered organization and would like to receive a stipend for this meeting, please help us record your attendance by chatting “equity” in a direct message Christina Oraftik



## Key Outcomes from Recent BayCAN Meetings

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- **February Regional Meeting**

- Technical Assistance Discussions
  - BARC, US Army Corps of Engineers
  - BCDC Bay Adapt Update
- SPUR BayCAN Bayshore Hazard Adaptation Community of Practice

- **January and March EWG Meetings**

- Fiscal Sponsorship Models
- Resilient Together Initiative
- Member Presentations: Mycelium Youth Network, Belle Haven CDF, Climate Resilient Communities

- **March CBO led Group Meeting**

- Technical assistance by and for CBOs
- NFWF Community Driven Planning for Nature Based Solutions

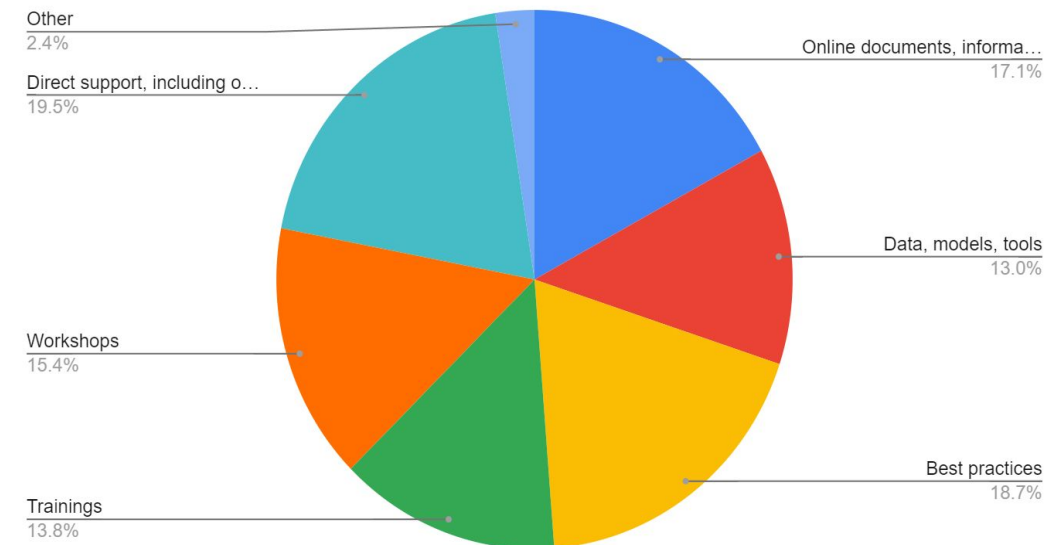
### April/May and Other Meetings

- Adaptation Policy Working Group
- Bioneers Conference - BayCAN Members Comped
- Solano BayShore Roundtable
- OPR ICARP TAC Meeting
- BayCAN Counties Meeting
- ARCCA Executive Committee
- BayCAN Management Meetings
- SPUR/BayCAN Groundwater Rise Webinar
- Member consultants and new member orientation
- Solano BayShore Roundtable Presentation

## Summary of Technical Assistance Mapping Engagement

- **Current state of Bay Area Adaptation Technical Assistance**
  - High-touch TA is happening, but on an informal basis
  - High level resources are available, but not necessarily accessible
  - Most TA providers are regional entities
  - CBOs are not involved enough in TA
- **Gaps to fill in Adaptation Technical Assistance**
  - More high-touch, direct assistance TA
  - Locally specific TA
  - TA to interpret and navigate processes and resources
  - More involvement with CBOs

What type of resources are TA providers providing?





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## Technical Assistance Roundtable

Heidi Nutters, San Francisco Estuary Partnership (SFEP)

Nikki Caravelli and Ben McMahan, Integrated Climate Adaptation and Resiliency Program  
(ICARP)

Alev Bilginsoy, US Army Corps of Engineers (USACE)

Update from National Oceanic and Atmospheric Administration (NOAA)



# TA for Nature-based Shoreline Adaptation

Heidi Nutters, Senior Program Manager, San Francisco Estuary Partnership



# San Francisco Estuary Partnership

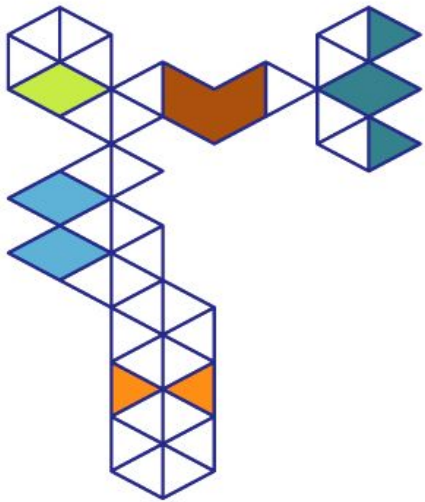
- A place-based EPA program
- Collaborative and non-regulatory
- Leverage federal, state, and regional resources to implement the Estuary Blueprint





*Where do we want to be in 2050?*

*What can we do over the next 5 years to get there?*



SAN  
FRANCISCO

Estuary  
Blueprint



San Francisco  
ESTUARY PARTNERSHIP

# Framing the Issue – Why Nature-based Solutions?

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- Increasing urgency to advance projects using innovative approaches that support multiple benefits – people, nature, communities
- Regional Guidance
  - Bay Adapt, Estuary Blueprint
- State Guidance
  - Executive Order N-82-20 on NBS
- Federal guidance
  - Executive Order 14072 - Strengthening the Nation's Forests, Communities, and Local Economies



## TASK 3-4

Strengthen and improve the ability of the San Francisco Bay Restoration Regulatory Integration Team (BRRIT) to accelerate projects and incentivize nature-based approaches.

### MILESTONE

Solutions for one to three high priority issues identified by the BRRIT's Policy Management Committee.

COST ESTIMATE – \$\$

# Nature-based Solutions

*“Responding to sea level rise in an environmentally friendly way is a decent win; but it can be a grand slam if it succeeds in addressing the water quality, flooding and habitat loss problems we face on our shorelines all at once.”*

*– Jason Warner, fmr General Manager  
Oro Loma Sanitary District*





# Forms of Technical Assistance

- Regional Convening (Transforming Shorelines Collaborative) and Analyses
- Oro Loma Living Laboratory
- Place-based partnerships
- Grant writing assistance
- Communications, Tracking and Reporting



# TA – Regional Convenings & Analyses

- The Transforming Shorelines Collaborative (TSC) comprises practitioners and experts on nature-based solutions, wastewater treatment, resiliency and nutrient management including regulators, landowners and stakeholders, individual wastewater treatment facilities, regional entities and practitioners/experts involved in habitat restoration, treatment wetlands, or shoreline resiliency.
- Regulatory Pathways for Nature-based Solutions
  - Assessing net benefit projects for mitigation
  - Switching off water sources for horizontal levees – treated wastewater, ROC, stormwater
- Equity Workshop





# TA – Oro Loma Living Laboratory

- Designed to study the concept of a horizontal levee. Instead of a traditional levee to protect against storm surges, a horizontal levee uses vegetation on a gentle slope to break waves. The ecosystems that live on horizontal levees can thrive while helping to further process wastewater from treatment plants.
- 1.4 acres experimental habitat slope.
- Wastewater that has already undergone secondary treatment is injected at the top and dispersed through 12 vertical cells.
- Study topics:
  - Treated wastewater, reverse osmosis concentrate and stormwater treatment
  - Value engineering for horizontal levees
- Partners: Oro Loma Sanitary District, EPA, Valley Water, UC Berkeley, East Bay Dischargers Authority



# TA - Place-based Partnerships

Project development, partnerships on funding opportunities, collaboration on all phases of place-based adaptation projects: design, community engagement, permitting, Tribal coordination, construction, operations & maintenance

- Palo Alto Horizontal Levee
- First Mile Horizontal Levee
- North Richmond Living Levee
- OLU-scale adaptation planning
  - San Leandro
  - Novato Baylands





# TA – Communications, Tracking and Reporting

- Over 160 active partners through the 2022 update to the Estuary Blueprint
- Staff track progress biannually in collaboration with Task Leads
- Progress reporting includes:
  - Publicly accessible tracking platform shows progress on each task
  - Report and e-newsletter highlighting successes and lessons learned
  - Storytelling to capture nuance behind milestones
- Overall communications support includes the Regional Communications Team

The screenshot shows a dashboard with a header row of seven teal task cards, each with a white arrow icon and a label: 'Task 3-1', 'Task 3-2', 'Task 3-3', 'Task 3-4', 'Task 3-5', 'Task 3-6', and 'Task 3-7'. Below this, the 'Task 3-1' card is expanded to show details:

- Task Description:** Implement community-based climate adaptation solutions that prioritize natural resources by supporting frontline communities and community-based organizations as full partners and leaders in adaptation planning and implementation.
- Task Lead(s):** Bay Area Climate Adaptation Network, Bay Area Regional Collaborative,
- Task Collaborating Partner(s):** California Department of Water Resources, California State Coastal Conservancy, Metropolitan Transportation Commission and Association of Bay Area Governments, National Oceanic and Atmospheric Administration, San Francisco Bay Conservation & Development Commission, San Francisco Bay Regional Water Quality Control Board, San Francisco Bay Restoration Authority, San Francisco Estuary Partnership, U.S. Army Corps of Engineers, community-based organizations, local jurisdictions
- Completion Level:** 10% (indicated by a gauge chart with a needle pointing to 10% on a scale from 0 to 100).
- Cost Estimate:** \$\$\$
- Milestone(s):** Community-based organizations and frontline communities funded to lead or participate in at least one to two adaptation planning or implementation projects per year.

At the bottom right of the dashboard, there is a small 'English' language selector icon.



# Best Practice: Centering Community-led Design and Grassroots Leadership

- Shifting away from traditional project planning approaches
- Facilitating community visioning
- Conducting Tribal consultation beyond specific projects



Photo courtesy of The Watershed Project

# Grant Writing Support for CBOs and Tribes

Strategic planning of grant proposal ideas

Proposal review (proposal review, budgeting assistance, schedule planning, mapping)

Submittal support



# Get in touch!

Heidi Nutters, Senior Program Manager, San Francisco Estuary  
Partnership

[heidi.nutters@sfestuary.org](mailto:heidi.nutters@sfestuary.org)



Partnership in Action



San Francisco  
**ESTUARY PARTNERSHIP**

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## Technical Assistance Roundtable

Nikki Caravelli and Ben McMahan, Integrated Climate Adaptation and Resiliency Program  
(ICARP)



# Integrated Climate Adaptation and Resiliency Program

*ICARP advances a climate-resilient California for all.*



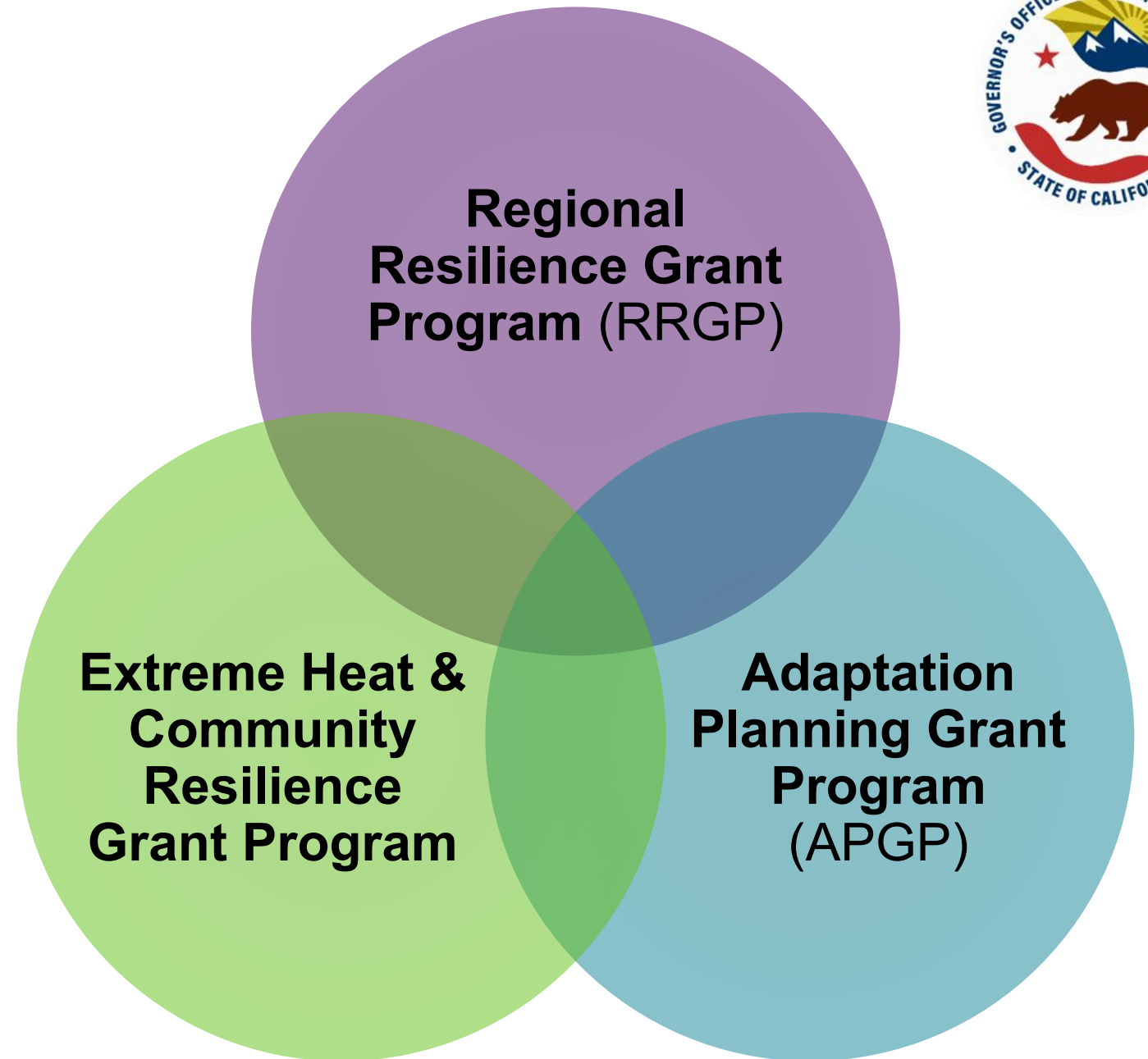
## ❖ **Climate Services**

- ❖ The Technical Advisory Council & Interagency Coordination
- ❖ California Climate Change Assessments
- ❖ Adaptation & Resilience Grant Programs

- ❖ Coordinates State climate adaptation **information & Science Advisory Group**
- ❖ Develops State adaptation **tools & other resources**
- ❖ Develops adaptation **guidance**
- ❖ Provides adaptation **technical assistance**

# ICARP Grant Programs

The 2021 & 2022 State Budget authorized ICARP to develop 3 new statewide grant programs to fund local, regional, and tribal climate adaptation and resilience efforts.





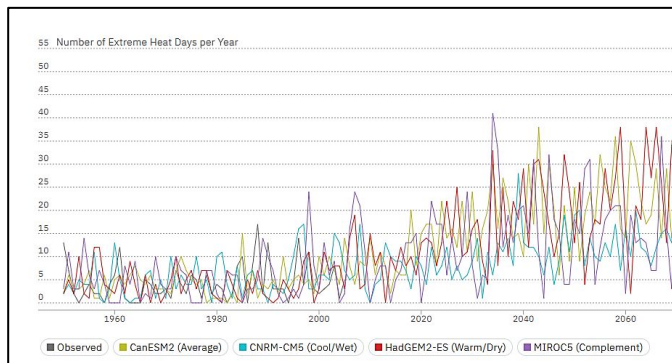
# ICARP Climate Services

Tools for adapting to climate change.



## Cal-Adapt

Explore & analyze **climate data** from CA Climate Assessments.



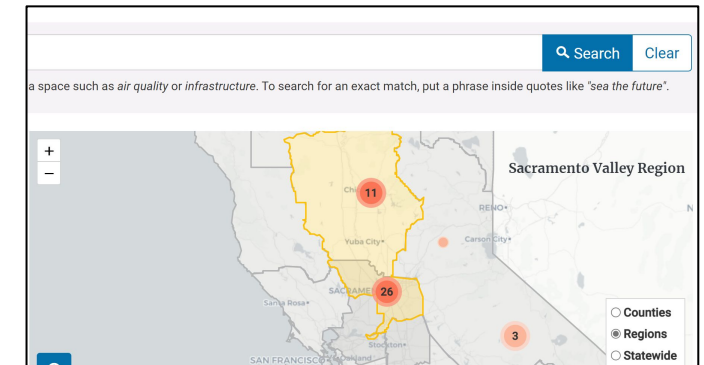
## Vulnerable Communities Platform

Identify **vulnerable populations** and explore vulnerability factors.



## Adaptation Clearinghouse

Find the **resources** you need to adapt to climate change.

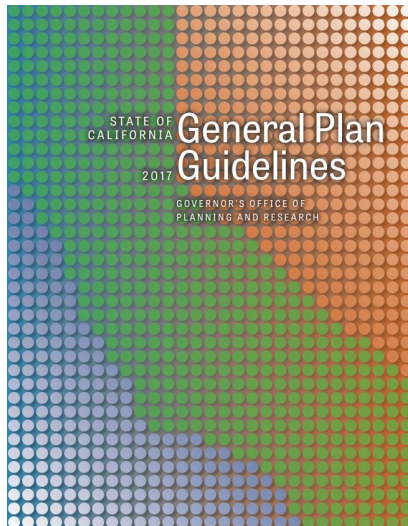


# ICARP Climate Services

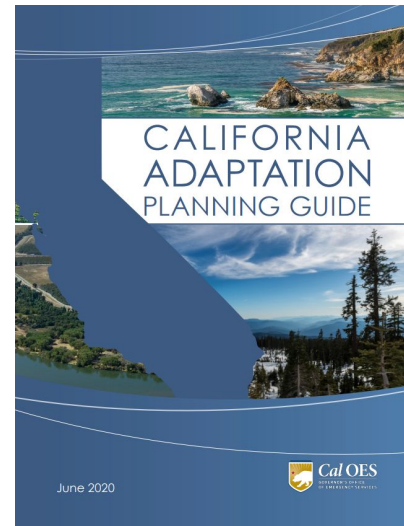
Guidance for adapting to climate change.



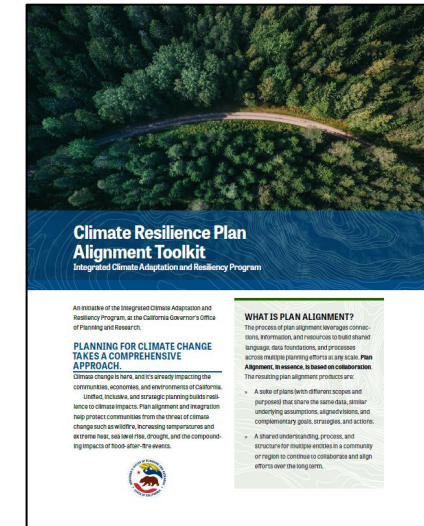
## General Plan Guidelines & Technical Advisories



## California Adaptation Planning Guide



## Climate Resilience Plan Alignment Toolkit



# What kind of assistance do we offer?

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## Previously...

- Ad-hoc local & regional planning workshops
- SB 379 Implementation
- State agency support
- Accessing Clearinghouse resources
- Using the 2020 Adaptation Planning Guide

## Future Possibilities...

- ICARP grants app support; implementation support for awardees
- Office hours
- Introductory trainings
- Technical Planning & Tool trainings
- Plan alignment & regional coordination / governance workshops
- Coordinating a TA provider network



# Food for thought:

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- ❖ How might OPR complement existing local & regional TA providers?
- ❖ What types of TA would be most useful to receive from OPR?



# Strategic Growth Council Programs

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<https://sgc.ca.gov/programs/cace/>

- ❖ Regional Climate Collaboratives Grant Program
- ❖ BOOST
- ❖ Partners Advancing Climate Equity
- ❖ Tribal Capacity Building Pilot Program



# Thank you!

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Nikki Caravelli, Climate Services Senior Analyst – Contact for TA  
[Nikki.Caravelli@opr.ca.gov](mailto:Nikki.Caravelli@opr.ca.gov)

Ben McMahan, Climate Services Program Manager  
[Ben.McMahan@opr.ca.gov](mailto:Ben.McMahan@opr.ca.gov)

Text **ICARP** to **22828** to join the ICARP  
Newsletter & Announcements email list



# ICARP Grants Contact Information

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## **Regional Resilience Grant Program**

Dolores Barajas, Program Manager [Dolores.Barajas@opr.ca.gov](mailto:Dolores.Barajas@opr.ca.gov)

## **Adaptation Planning Grant Program**

Abby Edwards, Program Manager [Abby.Edwards@opr.ca.gov](mailto:Abby.Edwards@opr.ca.gov)

## **Extreme Heat & Community Resilience Grant Program**

Braden Kay, Program Manager [Braden.Kay@opr.ca.gov](mailto:Braden.Kay@opr.ca.gov)

*More information & regular updates: <https://opr.ca.gov/planning/icarp/grants/>*

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## Technical Assistance Roundtable

Alev Bilginsoy, US Army Corps of Engineers (USACE)



# U.S. Army Corps of Engineers Technical Assistance and Planning Support

Alev Bilginsoy, Outreach Coordinator  
Corps of Engineers San Francisco District  
BayCAN Spring Regional Meeting 5-17-2023



Engineering With Nature®  
+ Landscape Architecture  
Design Research Initiative



US Army Corps  
of Engineers®  
San Francisco District



# U.S. Army Corps of Engineers San Francisco District

We **partner** with governments, community groups, Tribes and Tribal organizations to address their water resource needs.

We **plan, design and construct** water resource projects:

- Ecosystem Restoration
- Navigation
- Flood Risk Management

We **permit** construction along waterways and wetlands.

We **operate and maintain** water supply and recreational facilities.

We support state emergency management and response activities.



US Army Corps  
of Engineers®  
San Francisco District

# Technical Assistance and Planning Support for..

Water supply

Water quality

Watershed management

Environmental restoration

Management of fish and wildlife, cultural, and environmental resources

Emergency management, preparedness, and evacuation planning

Flood risk management

- Study sea level rise and coastal flooding impacts and solutions
- Identify flood-prone buildings, infrastructure, and community assets
- Protect building from flooding
- Stormwater management planning
- Green infrastructure for flood risk management
- Communication and outreach materials about flood risk



# Upcoming Technical Assistance Deadline – June 2!

- Understand riverine and coastal flood hazards and risk; develop tools to communicate and manage risk.
- Example project deliverables: floodplain delineation, post-wildfire flood hazard assessments, flood warning and risk communication materials, inventory of flood-prone structures, flood preparedness plans, hydrologic, hydraulic and sediment transport models.
- Funding through the USACE Floodplain Management Services Program
- Does not require cost sharing (100% Federal). Sponsor can contribute funds to increase scope.
- Project costs often range between \$100,000 and \$250,000
- Project Delivery typically 12-24 months





# Flood Risk Management Project Example: Santa Cruz Flood After Fire Debris Flow Modeling

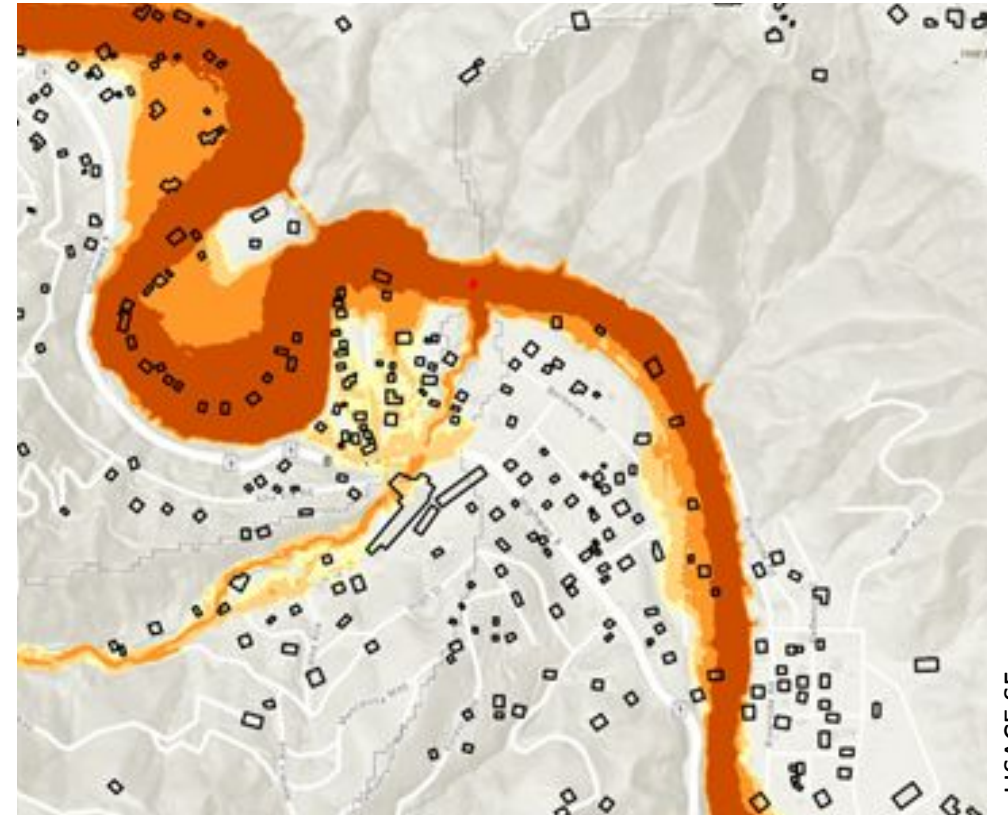
*Lead Partner:* Santa Cruz County

*Other Partner Agencies:* California Geological Survey, USGS, National Weather Service, State Water Resource Control Board

*Background:* CZU Lightning Complex Fire that occurred in August – September 2020 burned a total of 86,500 acres within the San Lorenzo River Watershed, leaving the landscape denuded and prone to sedimentation.

*Scope:* Model clearwater flooding vs. debris flow along the San Lorenzo River and tributaries that were impacted by the fire to better understand flood risk to residents, structures, and infrastructure.

*Project Delivery Timeline:* Sept 2021 - Jan 2023



USACE SF



US Army Corps  
of Engineers®  
San Francisco District

# How to request a technical assistance project



**Identify your flood risk management need**



**Meet with USACE for initial project scoping**



**Draft your project letter of interest**



**USACE submits letter of interest and budget request (June 2 Deadline)**



**Funding granted (Sept 2023)**



**Write formal project scope and budget**



**Start Project**



# Thank you!

Alev Bilginsoy

Outreach Coordinator

Email: [Alev.Bilginsoy@usace.army.mil](mailto:Alev.Bilginsoy@usace.army.mil)

Phone: (415) 297-8736



US Army Corps  
of Engineers®  
San Francisco District

Select all squares with

**dredging**

If there are none, click skip



U.S. Army Corps of Engineers San Francisco District

**Dredging Open House**

Virtual - May 23, 2023 - 9 AM to 12 PM



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## Technical Assistance Roundtable

Update from National Oceanic and Atmospheric Administration (NOAA)

# Federal Partners for Coastal Resilience in California



Earlier this year, severe winter storms, flooding, landslides, and mudslides throughout much of California damaged thousands of homes and businesses, endangering livelihoods of people living on much of our coast. The storms also highlighted unique vulnerabilities coastal communities face due to climate change.

As a leader focused on preparing your community to improve resilience in the face of more frequent and more severe natural disasters, we hope you'll join this vital discussion of funding, technical assistance and tools you can use to leverage local resources.



# Join Us! Virtual California Coastal Impacts Fair

May 18, 2023 | 9:00 am - 12:00 noon

Join us as speakers from Federal and State agencies highlight brief overviews of the latest resources and tools for locally-led coastal resilience planning and implementation.

This event is part of a series hosted by the Federal Partners for Coastal Resilience in California to increase awareness about essential programs that can help counties, cities and communities recover from this year's storms and build resilience to future climate-related impacts.

Please take a moment to complete a few questions and to receive a link to attend this free event.

<https://4683ca.econrsf.info/events/>

For more information, contact: Malinda Matson,  
mmatson1@eda.gov



**US Army Corps  
of Engineers**



**CALIFORNIA  
COASTAL  
COMMISSION**



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

**FEMA**



**CALIFORNIA  
OFFICE OF THE SMALL  
BUSINESS ADVOCATE**

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**Break**  
**5 min**



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## Dr. Paloma Pavel, Breakthrough Communities Institute

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## Member and Partner Share Outs

# YOUR LOCAL CLIMATE RESILIENCE NEWS SOURCE

## ALL STORIES



### Region Reconnoiters on 30×30 Aspirations

by Justin Lai | Apr 19, 2023

Keeping a third of California unpaved may be ambitious in a state where the car remains king, but politicians are coming around. The Bay Area has 117 projects lined up to be counted.



### Five Threats in Five Places

by Anissa Foster | Apr 19, 2023

Coastal erosion in Pacifica, drought in Brentwood, fires in the North Bay, flooding in Union City, and urban heat in San Jose. Anissa Foster takes us on a revealing virtual tour.



### Looking for Justice at the Nexus of Housing and Climate Policy

by Ariel Rubissow Okamoto | Feb 28, 2023

How housing is built and who it is built for are not only equity questions, but also climate mitigation questions. When people can afford to live near their jobs, their emissions from commuting go down.



### New Maps Reveal Bay Area Flood Threat From Below

by Meg Duff | Jan 18, 2023

As Bay Area residents kayaked through flooded streets and bailed out buildings during California's recent storms, they faced not only bursting creeks and pouring rain but also rising groundwater.



### More Chances for San Rafael Canal Communities to Be Heard

by Isabella Eclipse | Jan 18, 2023

In November 2022 San Rafael launched a resilience planning project that has community-based organizations playing an active role in decision-making.



### New Maps Reveal Bay Area Flood Threat From Below

by Meg Duff | Jan 18, 2023

As Bay Area residents kayaked through flooded streets and bailed out buildings during California's recent storms, they faced not only bursting creeks and



### Post-Election Review of Climate Results

by Alastair Bland | Nov 15, 2022

The 2022 midterm election saw the passage of various measures throughout the Bay Area to advance California's climate goals.



### 30 East Bay Partners Gel on Adaptation Path

by Ayla Burnett | Jul 19, 2022

On an overcast June afternoon at Bay Farm Island's Veterans Court, Danielle Mieler explains that if it weren't for low



### Oaklanders Leading on Climate

by Jasmine Hardy | Jan 15, 2023

The 14 graduates of the inaugural 2021 Oakland Shoreline Leadership Academy have new skills to confront the rising tide head-on. "It's completely changed how I look at the environment"



### San Francisco's Subtle Greenwashing

by Dave Rhody | Jan 15, 2023

San Francisco is increasingly seen as a "green" city but its track record doesn't hold up under scrutiny.

kneedeep<sup>times</sup>  
Stories from the frontlines of climate resilience

## OUR DOOR IS OPEN

- Share our newsletters with your network.
- Subscribe –its FREE – if you haven't already.
- Join our story idea brainstorming board.
- Make sure we are on your outreach lists.
- SEE THE CHAT...
- [editor@kneedeeptimes.org](mailto:editor@kneedeeptimes.org)

- Suggest a place we should profile in the Bay Area? One city or town or community tackling adaptation challenges?



### Suisun City Is No Island

by Aleta George | Jan 19, 2022

Suisun City has always had the waterfront and nearby wetland heart but it won't be long before entire area is vulnerable to flood from sea level rise.



### North Fair Oaks Residents Create Clean Air Refuges

by Tanvi Dutta Gupta | Nov 16, 2022

When he purchased a house, Ever Rodriguez noticed how North Fair Oaks differed from surrounding areas. “We don't have the same infrastructure or services as in Menlo Park.”



May 17, 2023

*BayCAN Regional Meeting*

**San Mateo County Flood and Sea Level Rise Resiliency District**

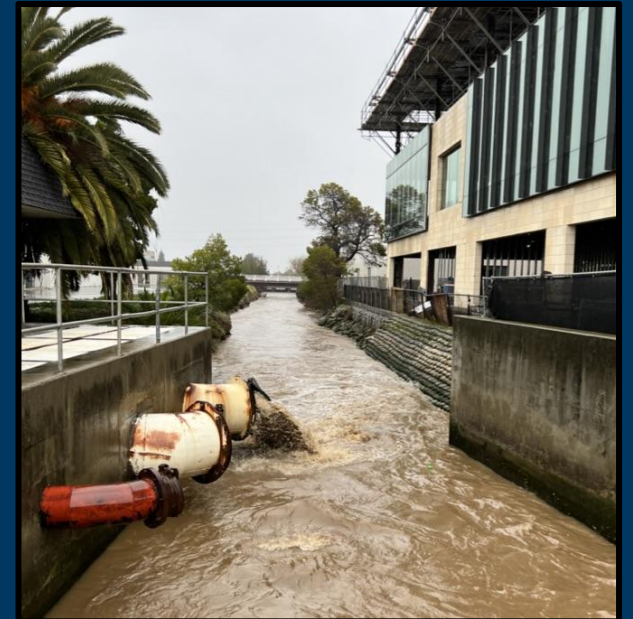
**Len Materman, CEO**

[info@OneShoreline.org](mailto:info@OneShoreline.org)

**OneShoreline**  
Building Solutions for a Changing Climate

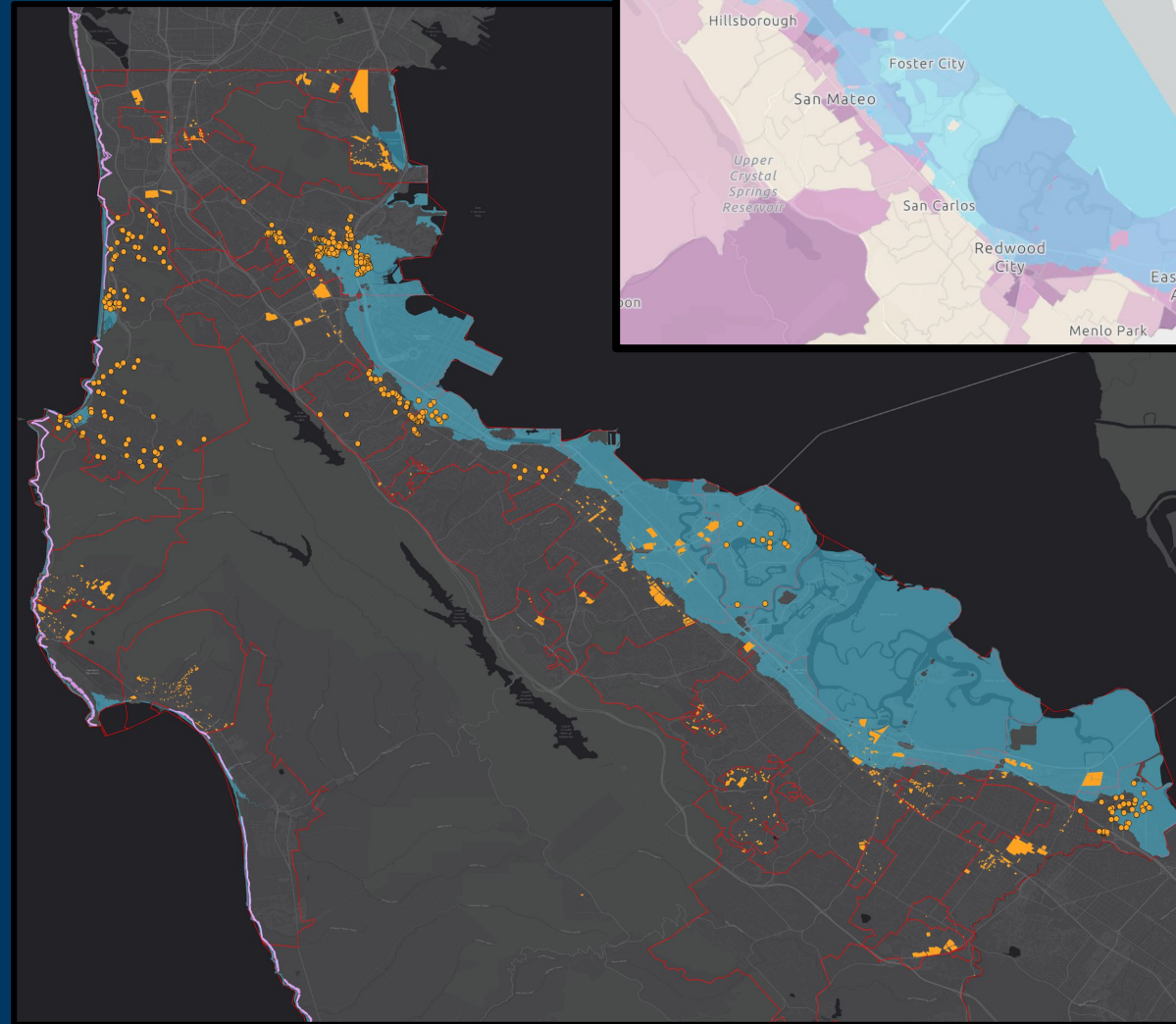
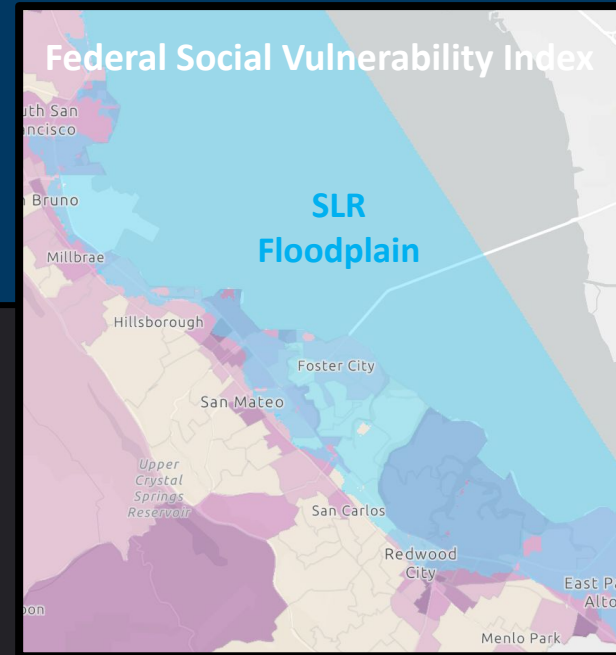
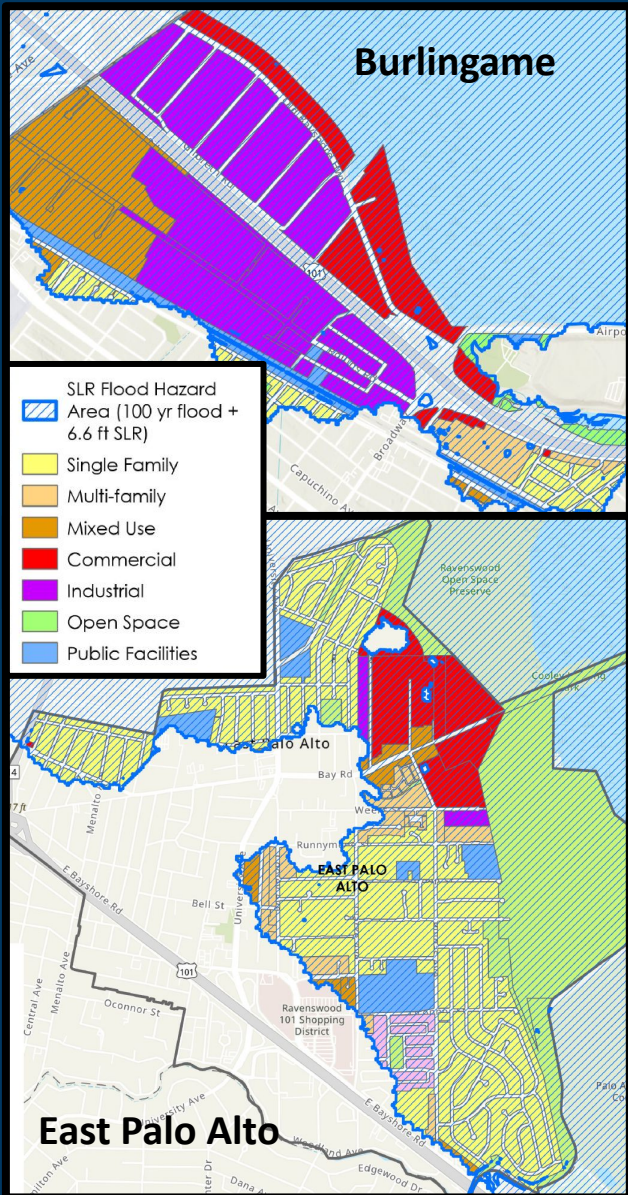
## Why develop a Planning Guidance Policy? Why now?

- The core planning documents of local jurisdictions – a general plan, specific plan, and zoning ordinance – guide where and how development should occur, but do not yet account for this new normal.
- If that doesn't change, new developments intended to function for decades will not be resilient to future conditions and will need to be retrofitted to protect those assets and enable regional resilience.
- This is pressing as there are many proposed large Bayside developments.





# Land uses and populations vulnerable to SLR



Proposals by San Mateo County and 12 of the cities within it to comply with State RHNA requirements.

- 43% proposed units are in the current or future floodplain or coastal erosion zone.
- 38% of proposed affordable units are in these areas.
- Jurisdictions face significant pressures to build housing, so it's not whether you build but whether you build in climate resilience.



# The Road to the Planning Guidance Policy

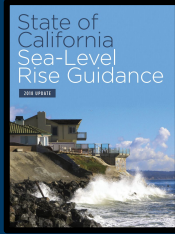
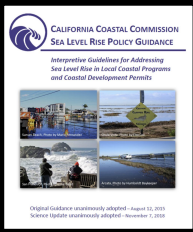
2021

 **Adaptation Clearinghouse**  
POWERED BY THE GEORGETOWN CLIMATE CENTER AND USERS LIKE YOU

**Policy Approaches for  
Bayfront Resilience in San  
Mateo County**

December 6, 2021

**Boston, Broward Co,  
Kauai, Norfolk, NYC,  
Rhode Island**






2022 & early 2023



**BURLINGAME ZONING ORDINANCE**

"Burlingame Municipal Code Title 25"



**Planning Guidance Policy**  
To Protect and Enhance  
Bay Shoreline Areas of San Mateo County  
April 19, 2023 Public Draft

SAN MATEO COUNTY FLOOD AND SEA LEVEL RISE RESILIENCY DISTRICT  
OneShoreline.org 1700 S. El Camino Real, Suite 502, San Mateo, CA 94402

[OneShoreline.org/planning-guidance](https://Oneshoreline.org/planning-guidance)



# What is the Planning Guidance Policy?

A standardized, evolving resource for jurisdictions to account for climate-driven future conditions in general plans, specific plans, and zoning ordinances, and review of new private developments.

It is also intended to be a resource for individuals and organizations that follow land use planning and development in the Bay shoreline area of San Mateo County. And, we hope it can serve as a model for other jurisdictions with similar challenges.

**Objective:** Enable developments to function for their intended lifespan and contribute to the resilience of adjacent areas in the context of multi-jurisdictional resilience projects.

## What it is

- Voluntary guidance
- Actionable template
- Focused on new/substantial private development
- Evolving

## What it isn't

- Mandatory regulations
- A reference document only
- Focused on existing or public development
- Static

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How to use the Planning Guidance Policy and introduction of the Bay Protection Standard

Implementation: OneShoreline's proposed role in technical assistance and local development review

Template language for General/Specific Plans

Template language for Zoning Ordinances:

- Buffer Zones along the Bay and creeks
- Shoreline Protection infrastructure
- Elevating development
- Stormwater capture and drainage
- Shallow groundwater rise
- Applicability and exceptions

Template language for approvals of specific development projects, including to build or provide space and land rights for protection infrastructure



# OneShoreline Bayside Map of Future Conditions



OneShoreline's Bay Protection Standard



Sea Level Rise Overlay District



Shallow Groundwater Rise Overlay District



Find address or place



A new interactive online map to accompany the Planning Guidance Policy.



## Next Steps for the Planning Guidance Policy

- May 19: Public Comment period ends
- May 22 Board meeting: Discuss public comments and solicit additional Board input
- June 26 Board meeting: Bring the final draft to the Board for approval



info@OneShoreline.org





## ARCCA Learning Sessions Are Back!

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- **Advancing Equitable Climate Resilience Planning: A Status Report on SB-379 Implementation - June 21st | 1:00-2:00 PM PDT**
  - This webinar will shed light on whether SB-379 advanced CA's ability to handle climate impacts and feature key findings from the recent report by Farallon Strategies and Climate Resolve, Ounce of Prevention; Advancing Equitable Climate Resilience Planning in California; status report on implementation of Senate Bill 379 (2015).
- **San Diego Regional Coastal Resilience Roadmap - Tuesday, June 27th | 1:00-2:00 PM PDT**
  - This webinar will feature the launch of the San Diego Regional Coastal Resilience Roadmap, a strategic plan aiming to facilitate accelerated action for coastal resilience projects and investments that prioritize benefits to underserved communities in the San Diego region. Participants will learn about the Roadmap's key principles, goals, and actions, as well as the roadmap development process and recommendations for replicating a similar process in other regions throughout California.
- *Register in link in the chat*

## California Adaptation Forum and Other Member Updates

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- **BayCAN Network Meeting**
  - Programming/venue TBD - proposal accepted!
- **From Investigation to Strategy: a Regional Approach to Climate Adaptation**
  - Josh Bradt, moderating, Christina Oraftik, BayCAN, Josh Bradt, BARC, Matt Chadsee, Non-Linear Ventures, Shelly Jiang, AECOM
- **Panel Session on Regional Collaborative Governance**
  - Carolyn Yvellez moderating, Sarah Church, BayCAN, Jasneet Sharma, Santa Clara County Climate Collaborative, Monterey Bay Regional Climate Project Working Group (tent.)
- **Other sessions?**
- **Other member updates?**

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## Member and Partner Share Outs

## Breakout Rooms: Choose Your Discussion Topic

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- Please go to “breakout rooms” in the bar at the bottom of your screen and join the breakout room to discuss the topic that most interests you.
  - Room 1: Technical Assistance
  - Room 2: Sea Level Rise
  - Room 3: Wildfire/heat season



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## Breakout Room Shareouts

## Takeaways from this meeting

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- Please share your big takeaways from today's meeting by raising your hand or typing into the chat

## Future Meeting Topics

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- Please go to [www.menti.com](http://www.menti.com) and enter 4704 5621 to vote cast you vote for future meeting topics
- You can enter multiple topics, one per line
- You can also type your response in the chat

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**Thank you for your participation and support today!**

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