Funding

Amy Hutzel
California Coastal Conservancy

Brad Benson
Port of San Francisco

Nuin-Tara Key
Governor’s Office of Planning & Research

Coral Abbott
California Strategic Growth Council
Moderator

Dilip Trivedi
Vice President and Coastal Engineer, Moffatt & Nichol
State Coastal Conservancy Funding

FY 21/22 Budget
● $14m - Explore the Coast
● $24m - Prop 68
● $10m – Wildfire Prevention

Governor’s FY 22/23 Budget
● $350m - Coastal Resilience
● $10m - Wildfire Prevention
● $19.8m – Prop 68

Anticipated in FY 23/24 Budget
● $150m - Coastal Resilience
Coastal Resilience Projects ($500 M)

Projects along the coast, including coastal wetlands and watersheds, beaches, dunes, bluffs, bays, fisheries, and other wildlife, and projects that build resilience for coastal communities, public access, and critical infrastructure.

- Protect, restore, and increase the resilience of coastal and ocean ecosystems and coastal watersheds
- Address sea level rise, flood management, and wetland restoration
- Remove outdated dams and upgrade downstream infrastructure to increase climate resilience, enhance natural habitat transport, or improve wildlife and fish passage
- Nonmotorized trails of statewide significance
- Restoration of coastal land for public uses on surplus land for formerly fossil-fueled powerplants
- Low-interest loans to local jurisdictions to purchase properties, expected to be at risk to sea level rise. (Legislation Pending)
Priority Projects:

- Nature-based climate adaptation
- Sea Level Rise Adaptation
- Wildfire Resilience
- Projects that benefit under-resourced communities
- Projects that can serve as models
- Projects that move needle on coastal resilience
- Implementation of long-term plans

Conservancy Guidance (JEDI Guidance & Project Selection Criteria)

Budget Language

State & Regional Plans

Enabling Legislation
Brad Benson
Waterfront Resilience Program Director, Port of Oakland
SEISMIC RISK TO THE EMBARCADERO SEAWALL AND FILLED LANDS

- Built 1878 to 1915
- Rock dike & bulkhead
- 3 miles long
- 500 acres of filled land
- 126 acres pier & wharves remaining today

Proposition A – the Seawall Earthquake Safety Bond – will fund Embarcadero Early Projects to reduce life safety and flood risk & improve disaster response. The Port has identified 23 Early Projects, 11 of which will advance to predesign using Proposition A.
PORTWIDE ADAPTATION STRATEGIES

Future floodplain: 40+ miles of road, 13,500 residents (58% people of color), wastewater system serving 580,000 residents, 360,000 regional commuters, 25+ miles of MUNI track

SF’s varied shoreline will likely require a hybrid of strategies to defend, accommodate and retreat →

Depending on current elevation and the selected SLR Curve, we are considering raising the existing shoreline between 2’ to 10’. Larger moves are expected in 2030 or later.
## City and County of SF 10 Year Capital Plan Funding Overview FY22-31 - $38 billion through 2031

### Summary by Service Area FY 22-31

<table>
<thead>
<tr>
<th>(in $ millions – all sources)</th>
<th>GENERAL FUND DEPTS</th>
<th>ENTERPRISE DEPTS</th>
<th>EXTERNAL AGENCIES</th>
<th>TOTAL</th>
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<tr>
<td>Affordable Housing</td>
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<tr>
<td>Public Safety</td>
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<td><strong>TOTAL</strong></td>
<td><strong>4,609</strong></td>
<td><strong>17,761</strong></td>
<td><strong>15,576</strong></td>
<td><strong>37,947</strong></td>
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The 10-Year Capital Plan has helped build confidence:
- $6 billion in GO Bond voter approvals since 2008
- $2 billion in the last two years
FUNDING AND FINANCE

Northern Waterfront Estimated Need $3-5 Billion (2016); Southern Waterfront TBD*

1. Current Strategies
   - $425 million Seawall Earthquake Safety Bond (2018) – 83% yes
   - SF GO Resilience Bond - $130 million (2026)
   - 2022 Senate Proposal $3.4 billion SLR – Urban Waterfronts, Ports, Public Infrastructure, and Ecosystem Protection, SB1, etc.
   - Public-private partnerships
     ▪ Tax increment financing, CFDs
   - Grants
     ▪ FEMA BRIC & Hazard Mitigation
     ▪ DOT RAISE

2. USACE Flood Study
   - Hazard focus: coastal flooding
   - Upper limit: benefit cost ratio, potential for billions in funding, subject to 1/3 local match (or greater)
   - WRDA 2020 – seismic equity
   - Limitations
     ▪ Stormwater management
     ▪ Combined sewer system
     ▪ Transit infrastructure
     ▪ Tidal flooding
     ▪ Public benefits

3. Brainstorm
   - Federal Grant Programs
     ▪ Benefit Cost Analysis reform; 7% discount rate
     ▪ Larger planning grants
     ▪ Agencies recommend larger projects for Congressional appropriation?
     ▪ Approval of programmatic BCA; applies to multiple agencies?
     ▪ More pre-calculated benefits
   - Agency coordination to achieve multiple Federal interests
   - Federal resilience tax credit to encourage private investment in coastal flood protection & voluntarily relocate out of the floodplain?

*Cost estimates under development
Nuin-Tara Key
Deputy Director for Climate Resilience, California Office of Planning and Research (OPR)
California Climate Adaptation Strategy

Six Climate Resilience Priorities

Nearly 150 key climate adaptation actions

Timebound success metrics

Available and updated on an interactive website

ClimateResilience.ca.gov
Climate Resilience Priorities

- Strengthen Protections for Climate Vulnerable Communities
- Bolster Public Health and Safety to Protect Against Increasing Climate Risks
- Build a Climate Resilient Economy
- Accelerate Nature-Based Climate Solutions and Strengthen Climate Resilience of Natural Systems
- Make Decisions Based on Best Available Climate Science
- Partner and Collaborate to Leverage Resources
## FY21-22 Climate Resilience Package

### Community Resilience

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<tr>
<th>ENTITY</th>
<th>PROGRAM</th>
<th>2021-2022</th>
<th>2022-2023</th>
<th>2023-2024</th>
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</table>
Thank you!
Coral Abbott
Director of Community Resilience Centers, California Strategic Growth Council
California Strategic Growth Council
Bay Planning Coalition Spring Summit
5.13.2022
Our Vision
Healthy, thriving, and resilient communities for all

Our Mission
The mission of the Council is to coordinate and work collaboratively with public agencies, communities, and stakeholders to achieve sustainability, equity, economic prosperity, and quality of life for all Californians.
How We Work: Our Approach

Five key themes guide SGC's investments, programs, and initiatives:
Community Resilience Centers (CRC)

Funds neighborhood scale resilience centers that support community needs through provision of shelter during emergency and services during non-emergency times to build and maintain community resilience

- Prioritizing most vulnerable communities
- Focus on existing community centers (libraries, clinics, schools, etc)
- Building physical and social infrastructure to support resilience
- Application: early 2023
Regional Climate Collaboratives

Assists under-resourced communities within a region to access statewide public and other grants

- Build relationships, identify community priorities, and develop plans, policies, and projects
- Act as a local TA provider that can translate funding program requirements & frame within local context
- Center community voices and build shared decision-making power
- Round 1: $8.35M - pre-proposals due July 15
Affordable Housing and Sustainable Communities (AHSC)

Integrates affordable housing and sustainable transportation to make sure housing, jobs, and key destinations are accessible by walking, biking, and transit.

AHSC HAS AWARDED

$1,655,972,480

THROUGH 5 ROUNDS OF FUNDING

NEARLY 83%

OF AHSC’S ROUND 5 INVESTMENTS BENEFIT DISADVANTAGED AND/OR LOW-INCOME COMMUNITIES
Sustainable Agriculture Lands Conservation (SALC)

Supports agricultural conservation, economic growth, and sustainable development to protect agricultural lands on the outskirts of cities and near residential neighborhoods from development.

Total Investments: $232.9 million

2019-20: $56.8 million through 37 projects

ACRES TO BE PROTECTED THROUGH SALC AWARDS

19,264 ACRES
IN ROUND 5 FUNDING

101,213 ACRES
TOTAL THROUGH SALC’S FIRST 5 ROUNDS
Transformative Climate Communities (TCC)

*Community-led transformation to enable* the California communities most impacted by pollution to choose their own goals, strategies and projects to reduce greenhouse gas emissions and local air pollution.

**Total Investments: $229.2 million**

**$48,715,384**

*AWARDED IN DISADVANTAGED COMMUNITIES IN 2019-2020*
Coral Abbott
Community Resilience Centers Program Manager
coral.abbott@sgc.ca.gov