

# Regulatory Updates Segment



**Xavier Fernandez**  
*San Francisco Regional  
Water Quality Control  
Board (SFRWQCB)*



**Brenda Goeden**  
*San Francisco Bay  
Conservation & Development  
Commission (BCDC)*



**Roger Cockrell**  
*ENS Resources*



**Eric Sapirstein**  
*ENS Resources*



**Josh Gravenmier**  
*ERM*  
  
MODERATOR



# Water Board Regulatory Update

## Incentivizing Beneficial Use of Sediment

Bay Planning Coalition Dredging Workshop

October 2023

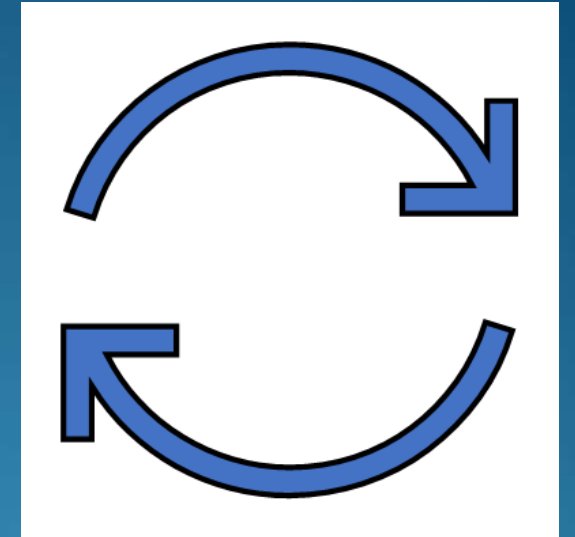
Xavier Fernandez  
Planning Division Manager  
San Francisco Bay  
Regional Water Quality Control Board

# US Army Corps of Engineers Navigational Dredging Program

- Oakland Navigational Channel Pilot Project (aka 50/50 Pilot Project)
- Strategic Placement Pilot Project
- Navigational Maintenance Dredging Permit

# Oakland Navigation Channel Beneficial Reuse Pilot Project

- Annually ~800,000 cubic yards to ocean disposal
- 50% in Bay and 50% reuse split lower cost than ocean disposal
- Added ~450,000 cy of beneficial reuse

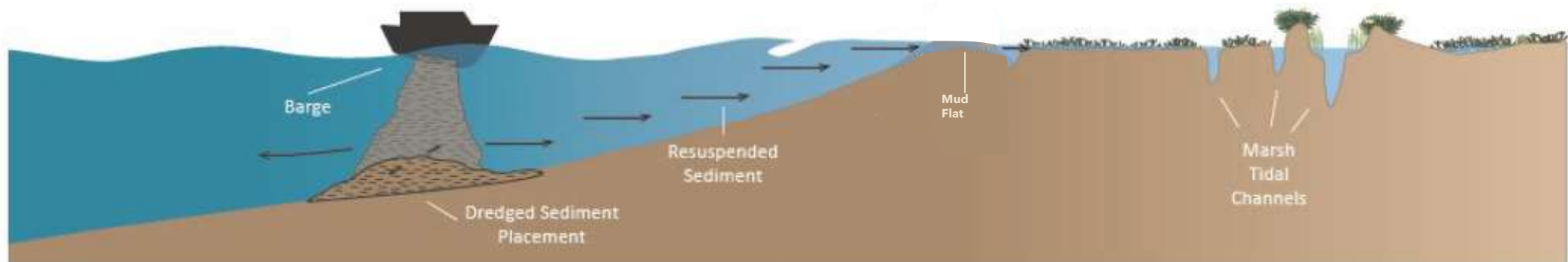


# Strategic Shallow Water Placement Pilot Project

- ~100,000 cubic yard from Redwood City Harbor
- Nearshore placement relying on natural processes
- Monitoring to verify

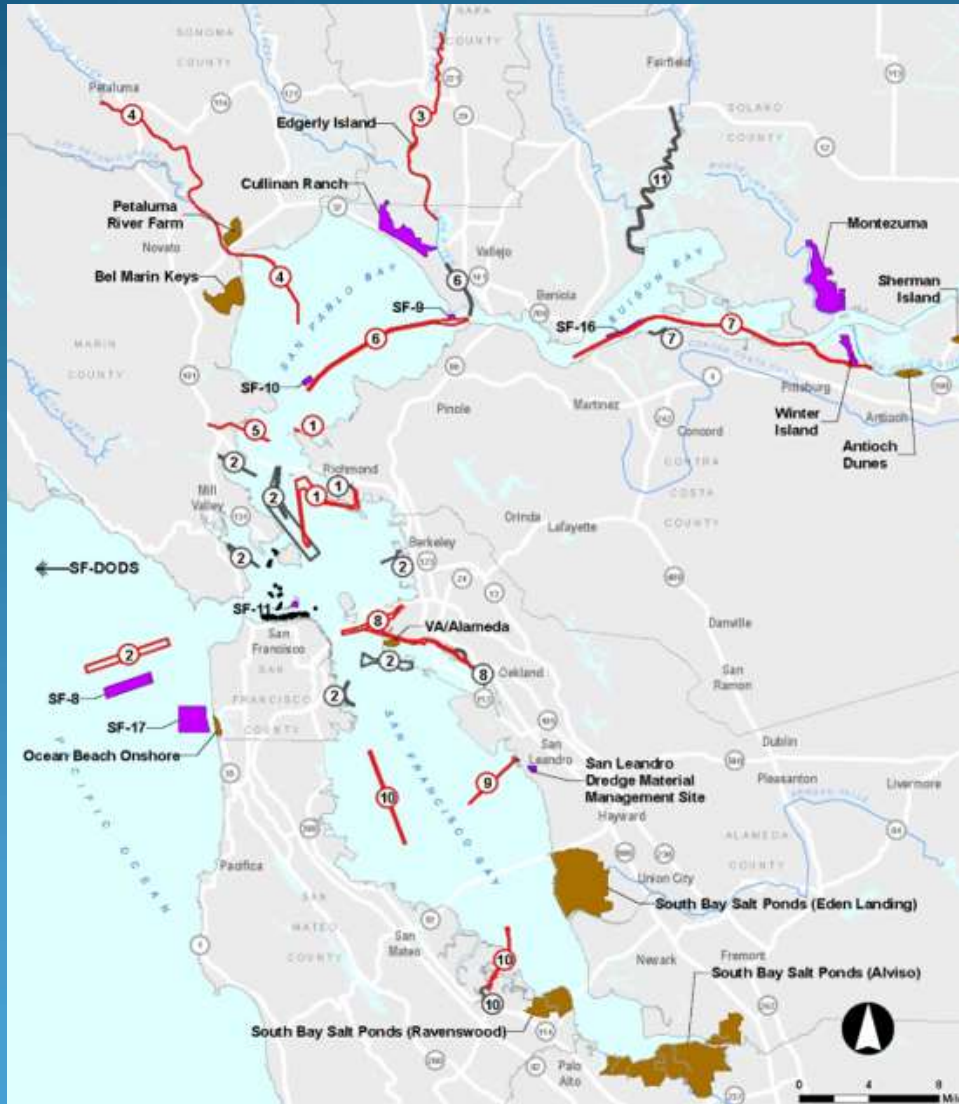


Shallow-Water Placement



# Maintenance Dredging Permit

- Oakland Navigational Channel 50/50 Split
- Strategic Placement
- Hydraulic Dredging



Thank You





# **A REGULATORY UPDATE FROM A POLICY PERSPECTIVE**

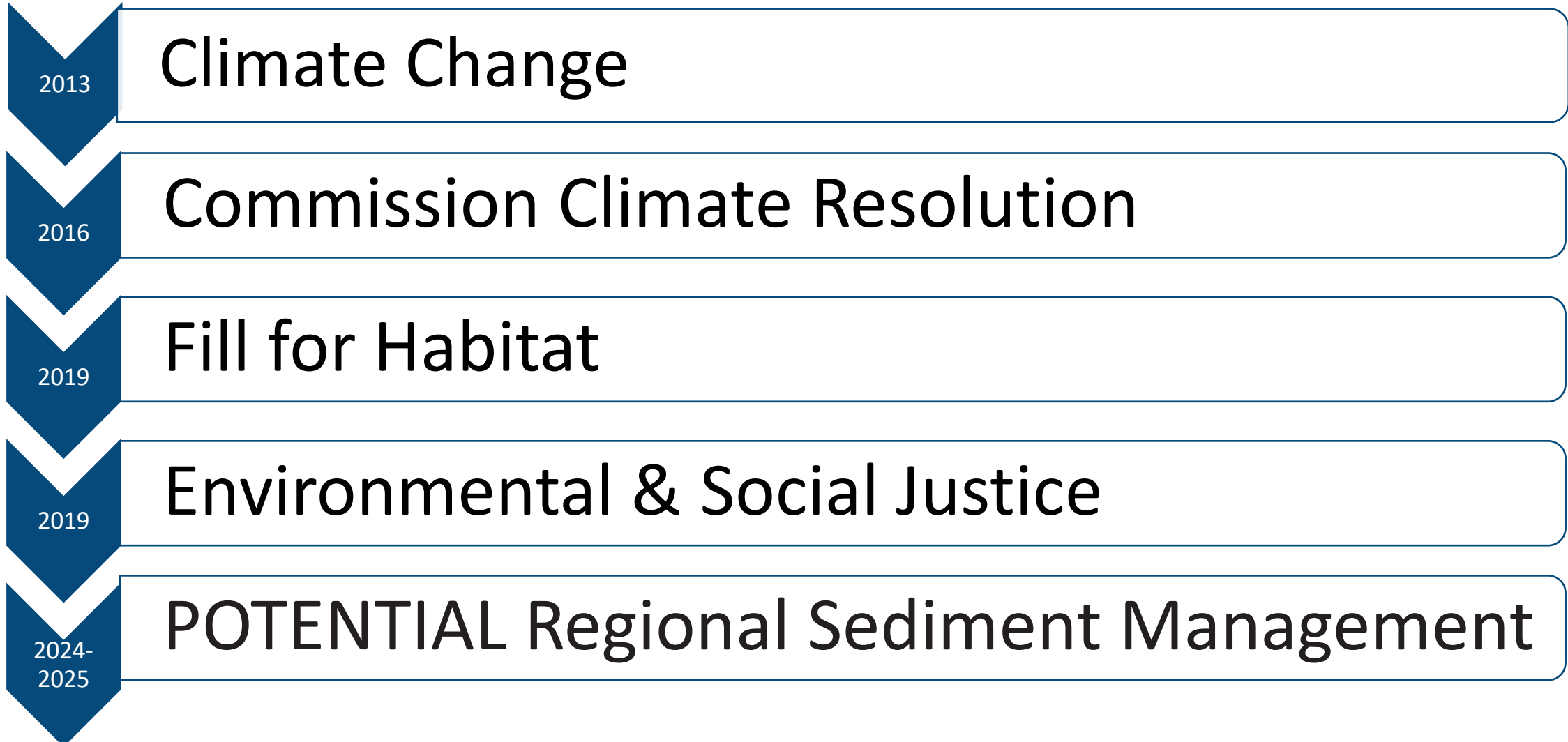
## **SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION**

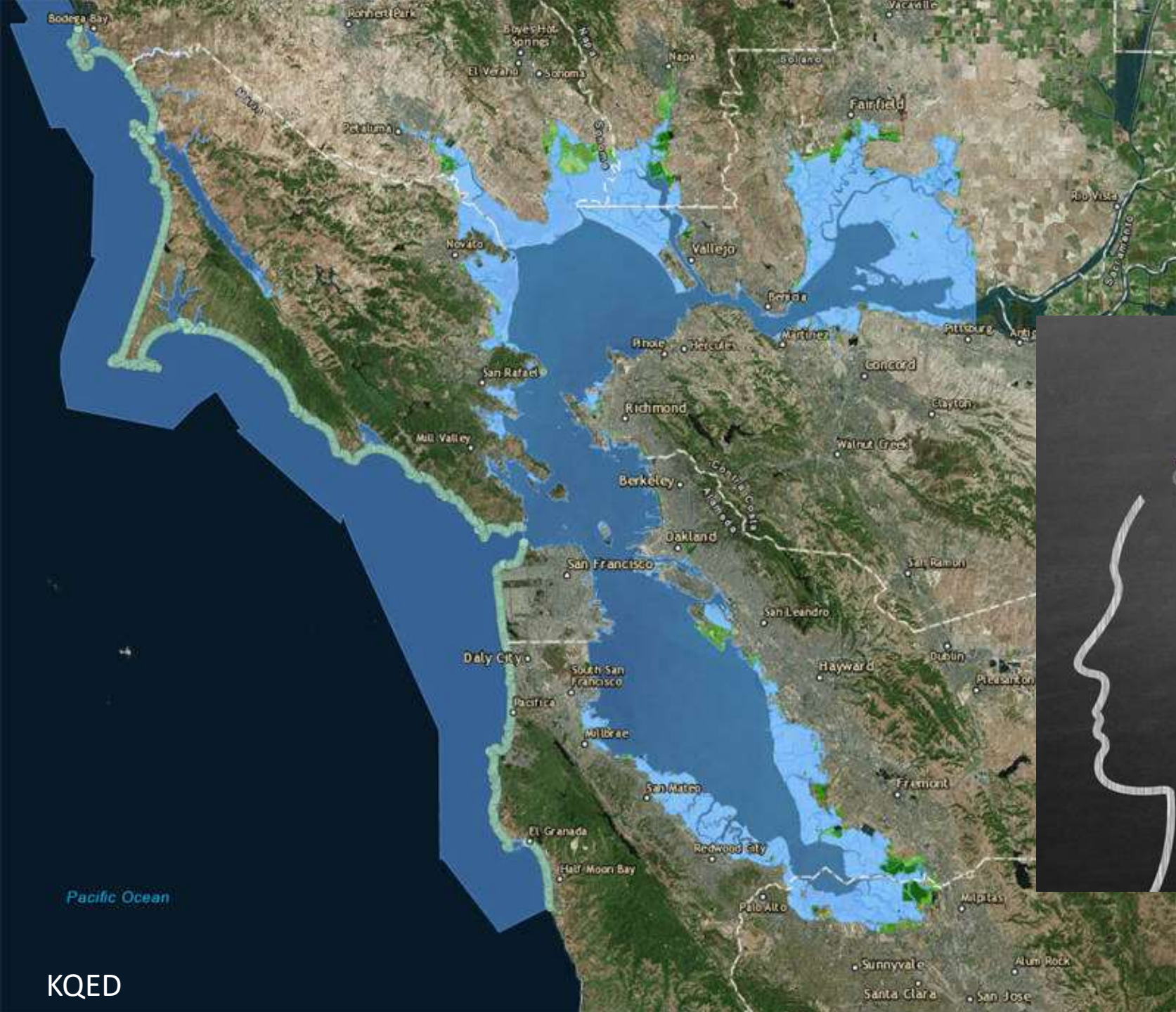
BRENDA GOEDEN, SEDIMENT PROGRAM MANAGER

OCTOBER 31, 2023



# SAN FRANCISCO BAY PLAN AMENDMENTS



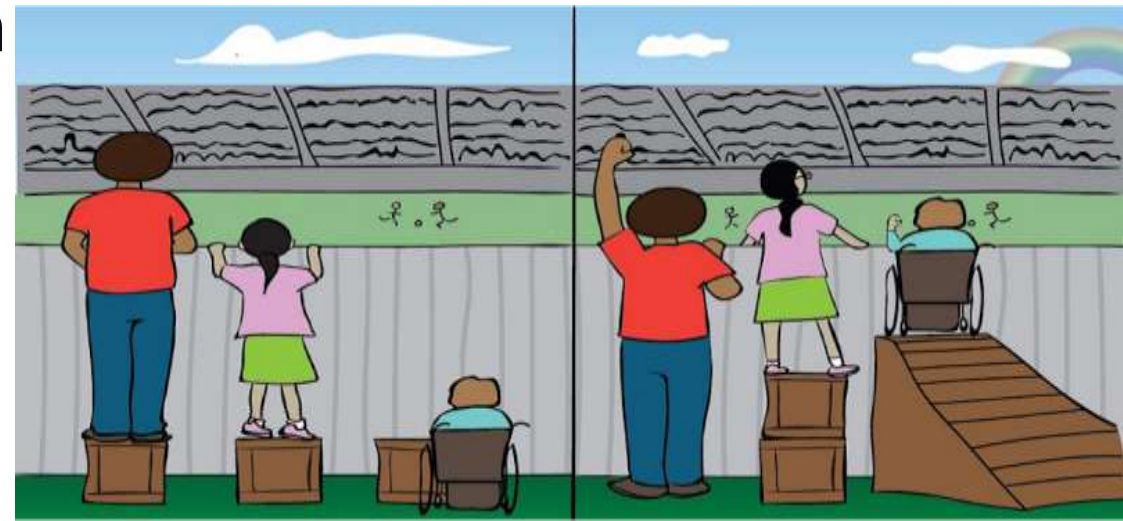


Satish Rao

# ENVIRONMENTAL AND SOCIAL JUSTICE POLICIES

Recognized BCDC's role in environmental injustices and social inequities around the region

- Meaningful community involvement for major permits and significant projects
- Disproportionate impacts on communities are identified and addressed
- Inclusive design in public access projects and signage
- Use of best available science in assessing sea level rise, storm surge, changes to groundwater in contamination remediation projects
- Consider the equitable distribution of compensatory mitigation benefits



# FILL FOR HABITAT

Recognized positive effects of some fill, specifically in light of rising seas

- Allows more fill for habitat in the Bay
- Encourages green and living shoreline approaches to shoreline protection
- Seeks to “right size” monitoring and adaptive management with project’s goals, size, risk, size, and lifespan.
- Encourage pilot projects and research
- Beneficial reuse of dredged sediment for most habitat projects in the Bay



# SEDIMENT FOR WETLANDS & ADAPTATION PROJECT (SWAP)

Recognize wetlands are critical infrastructure; large quantities of sediment and soils are necessary for wetland restoration and adaptation to rising seas.



Based in scientific knowledge and documentation

- Considers more sources for beneficial reuse in wetlands
- Seeks solutions to barriers to reuse in different sectors
- Considers impacts of transporting sediment out of the Bay system
- Identifies areas of coordination and collaboration in policies and projects
- Develops a regional roadmap to achieve the priority actions





# BAY PLANNING COALITION DREDGING & BENEFICIAL REUSE WORKSHOP FEDERAL UPDATE

PRESENTED BY  
ERIC SAPIRSTEIN  
ROGER COCKRELL  
ENS RESOURCES, INC.  
OCTOBER 31, 2023



# POLICY AND LEGISLATIVE OUTLOOK

- BENEFICIAL USE OF DREDGE MATERIAL
  - ✓ JANUARY 25, 2023 PHILOSOPHY
  - ✓ AUGUST 28, 2023 TRANSLATE PHILOSOPHY INTO PROCESS
  - ✓ BAY AREA CONGRESSIONAL SUPPORT
- WATER RESOURCES DEVELOPMENT ACT OF 2022
  - ✓ SENATE COMMITTEE ON ENVIRONMENT AND PUBLIC WORKS
  - ✓ HOUSE COMMITTEE ON TRANSPORTATION & INFRASTRUCTURE
- CONGRESSIONAL OUTLOOK
  - ✓ LAME DUCK--APPROPRIATIONS
  - ✓ SECOND SESSION