



SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION

Addressing Rising Seas

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DECEMBER 3, 2019**

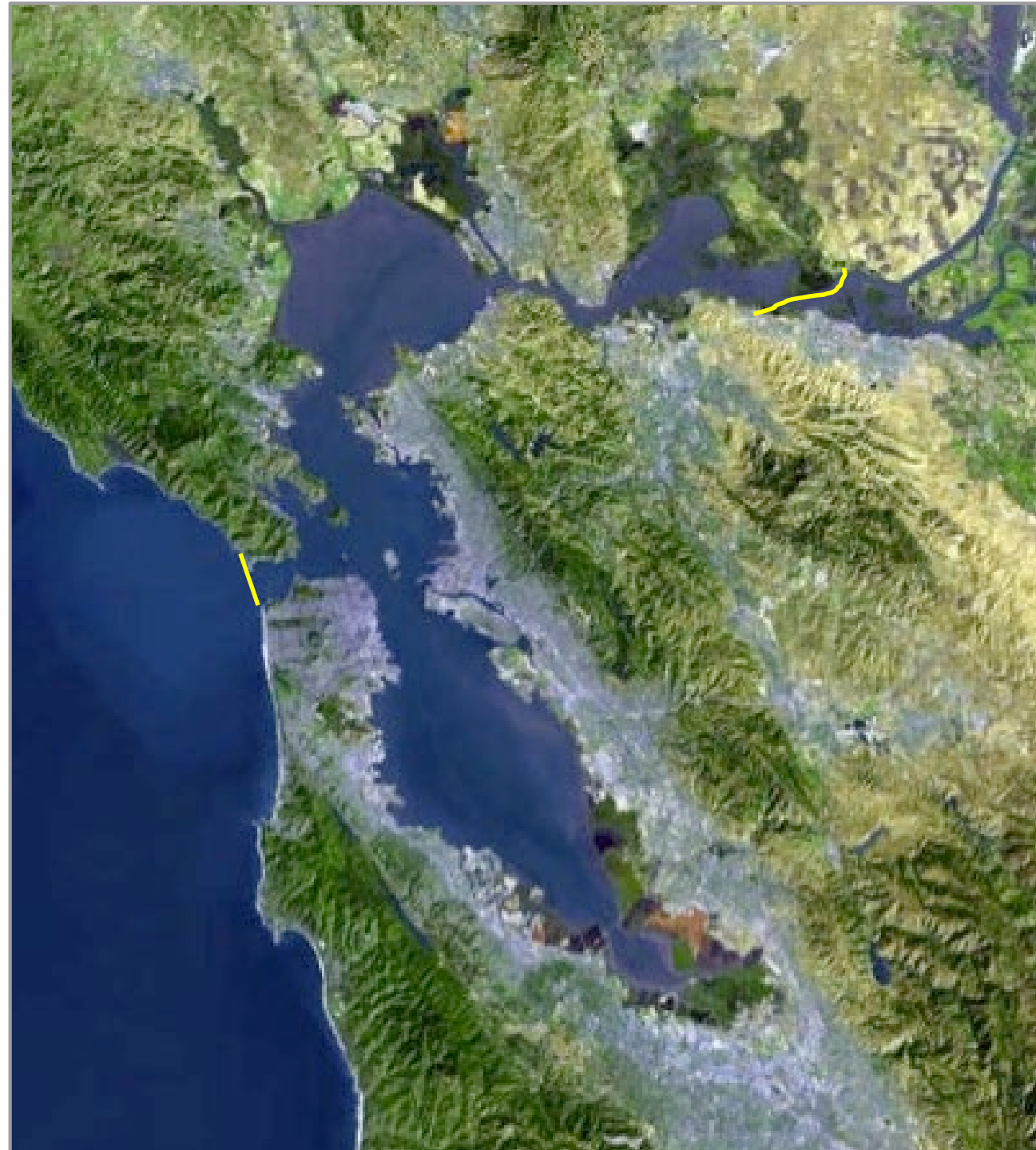


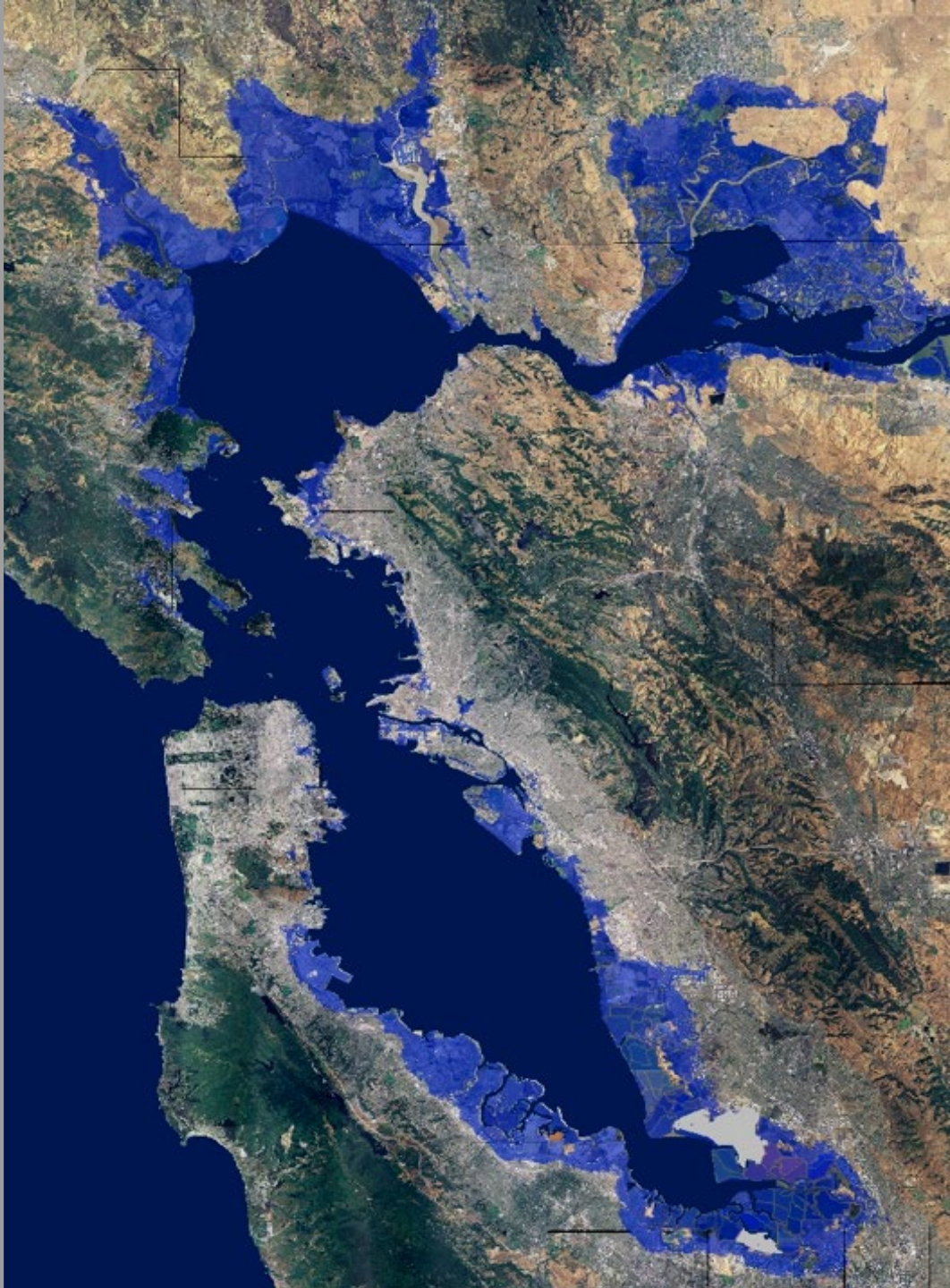


Making San Francisco Bay Better

SAN FRANCISCO BAY CONSERVATION & DEVELOPMENT COMMISSION

- Regional State Agency managing San Francisco Bay & Shoreline
- Planning and Regulatory Program
- Federal Coastal Zone Management Program





CLIMATE CHANGE POLICIES (2011)



- Large Shoreline Projects Need a Risk Assessment
- Mid-Century Resilience, End-Century Adaptation
- Enhance Habitat Vulnerable to Flooding
- Innovative Sea Level Rise Adaptation Approaches
- Regional SLR Adaptation Strategy

NEW SAN FRANCISCO BAY PLAN AMENDMENTS

Fill for Habitat

Amended the San Francisco Bay Plan fill policies to address adaptation to rising seas.

- Sea level rise and climate change as a driver
- Recognizes potential benefits of fill
- Allows greater amounts of fill for habitat
- Focuses on habitat solutions
- Provides for fill protections

Social Equity and Environmental Justice

Amended the San Francisco Bay Plan to address environmental justice and social equity.

Many vulnerable communities along the shoreline have the least resources to be resilient to rising sea level

ART Bay Area Asset Categories



Transportation Infrastructure



Priority Development Areas (PDAs)



Vulnerable Communities

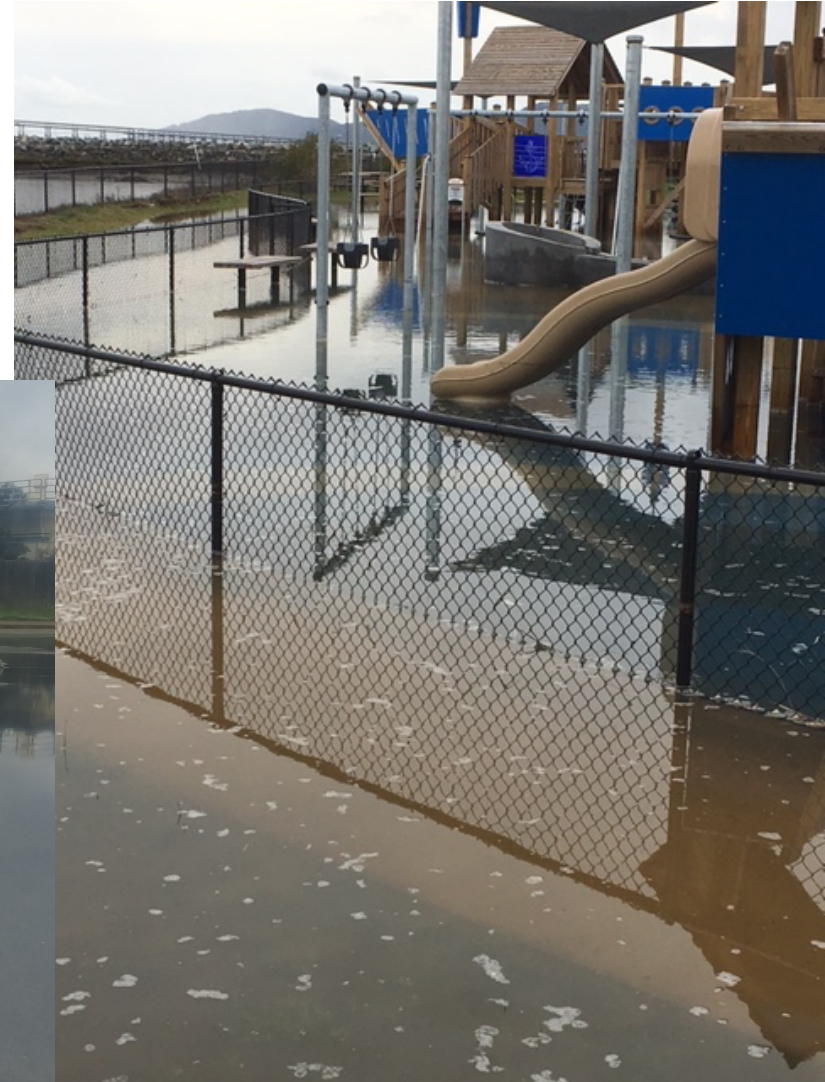


Priority Conservation Areas (PCAs)

Sediment is a key resource in adaptation to rising seas –
Bay suspended sediment supply has declined...



FLOOD PROTECTION FOR COMMUNITIES



Navigation Dredging

- Federal Channels
- Ports
- Refineries
- Marinas
- 2 – 3 mcy annually





LONG TERM MANAGEMENT STRATEGY

November 29, 2002

MEASURE AA

- \$12 Parcel Tax
- \$25 Million Annually
- \$500 Million Over 20 Years
- SF Bay Restoration Regulatory Integration Team (BRRIT)

SF Bay Restoration Regulatory Integration Team

- SF Water Board
- BCDC
- U.S. Army Corps of Engineers
- Cal Fish & Wildlife
- U.S. Fish & Wildlife
- NOAA Fisheries