

An aerial satellite image of a coastal region, likely the San Francisco Bay Area. The image shows a large body of water (the bay) on the left, with a complex network of waterways and marshlands extending inland. The surrounding land is a mix of urban development, agricultural fields, and natural terrain. The colors are naturalistic, with blues for water, greens for vegetation, and browns/tans for land and urban areas.

Regional Shoreline Adaptation Plan

An implementing project of **BAY ADAPT**

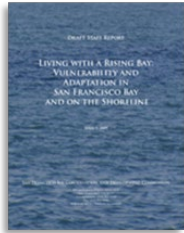
BUILDING ON REGIONAL WORK

Public Event #1, October 26th 2023

REGIONAL ADAPTATION PLANNING
Why do we need it?

**How are we building on BCDC's
internal work?**

BCDC'S ROLE IN CLIMATE ADAPTATION



2011



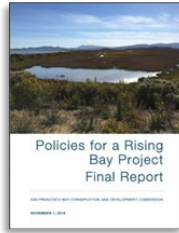
CLIMATE CHANGE POLICIES



2012



ART PROGRAM ESTABLISHED



2015-16



POLICIES FOR A RISING BAY



2016-20



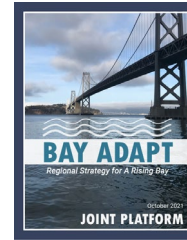
ART BAY AREA



2018-19



EJ AND FILL FOR HABITAT BAY PLAN AMENDMENTS



2021



BAY ADAPT JOINT PLATFORM



Regional Shoreline Adaptation Plan

An implementing project of BAY ADAPT

2023 +



REGIONAL SHORELINE ADAPTATION PLAN

+ BAY ADAPT BACKBONE

+ SHORELINE LEADERSHIP ACADEMY

+ REGULATORY IMPROVEMENTS

ART BAY AREA



5 million daily highway vehicle trips

60,000 daily rail commuters



13,000 existing housing units

104,000 existing jobs

70,000 new, planned housing units

85,000 new, planned jobs



28,000 socially vulnerable residents



20,000 acres of depressional wetlands, lagoon and tidal marsh habitat



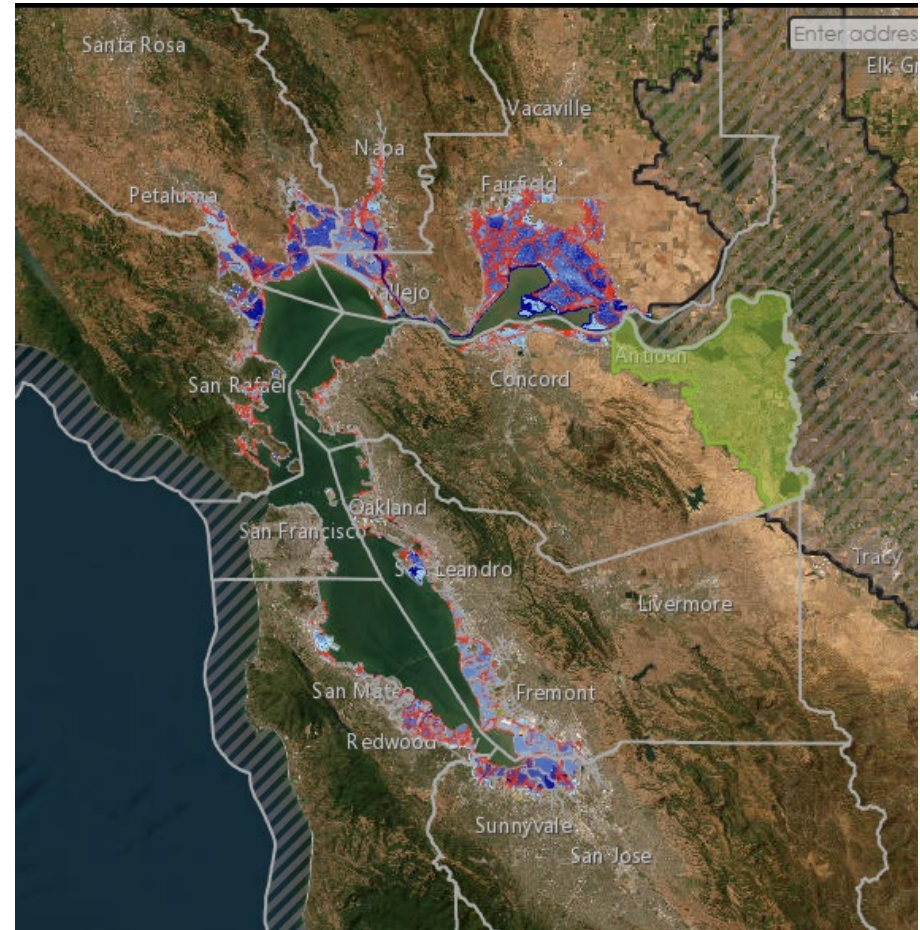
Top photo is king tides flooding at the San Francisco Embarcadero, courtesy of the King Tides project. Bottom photo is Bair Island wetlands from Google Pro.

Source: Adapting to Rising Tides Bay Area 2020.

A RISING BAY

A regional problem requires regional solutions

- Flooding knows no boundaries
- Frontline communities: Most impacted and fewest resources
- Near-term loss of wetlands
- Patchwork of protective actions
- Inconsistent application of science
- Competition not collaboration for limited funding
- No way to measure collective progress





BAY ADAPT

REGIONAL STRATEGY FOR A RISING BAY

A regional, **consensus-driven strategy** that lays out the actions necessary to adapt the Bay Area to rising sea level to protect people and the natural and built environment.

An initiative of the San Francisco
Bay Conservation and
Development Commission.



Photo of King Tides flooding at the Embarcadero, San Francisco. Photo courtesy of the California King Tides Project



GUIDING PRINCIPLES

- Support socially vulnerable communities
- Put nature first whenever possible
- Solve interconnected problems at the same time
- Practice inclusive, community-led governance and decision making
- Support existing efforts but plan for the long term
- Pick the right strategy for the right time at the right place

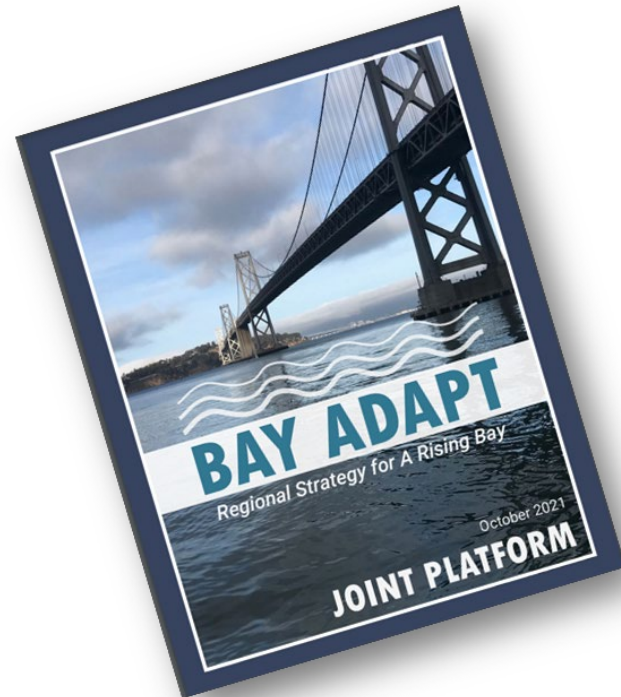


Top photo is Bothin Marsh, courtesy of California King Tides project. Middle photo is an outreach event in Richmond. Bottom photo is SR-37 courtesy of Caltrans

BAY ADAPT JOINT PLATFORM

- Engaged over **360+** participants in two public workshops
- Had **81** working group members
- Held **10** focus group meetings
- Gave over **50** presentations around the region

- Identified **9 actions** and **21 tasks**
- Adopted by BCDC October 2021
- Has **over 55 endorsements** from cities, counties, and organizations



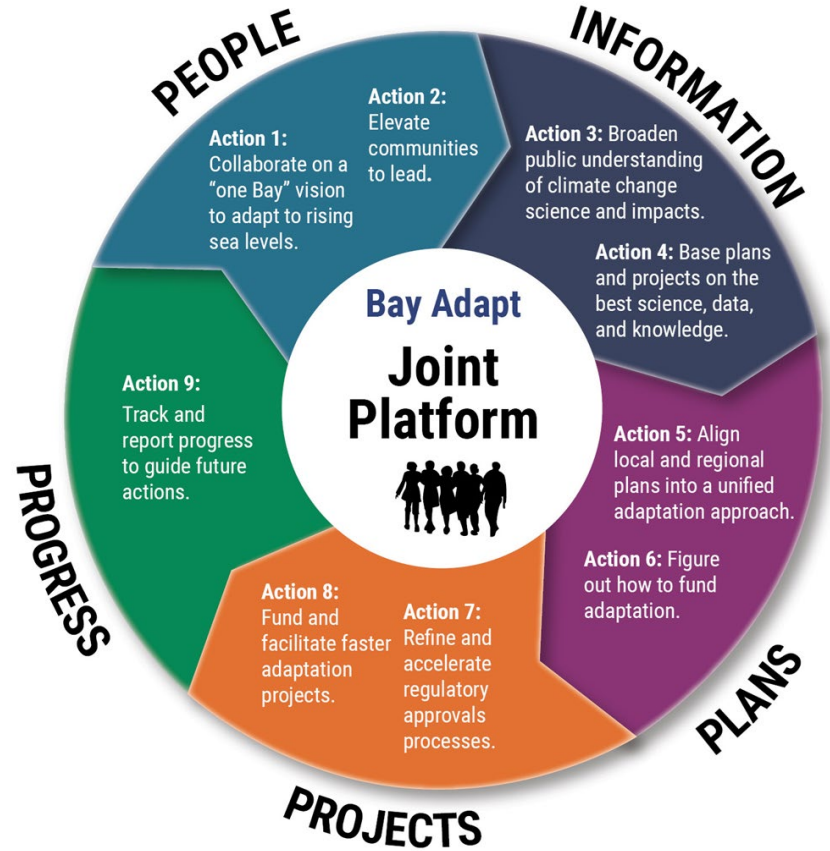
JOINT PLATFORM ACTIONS


5 categories

9 actions

21 tasks

1 bay strategy





Why do we need a Regional Shoreline Adaptation Plan?

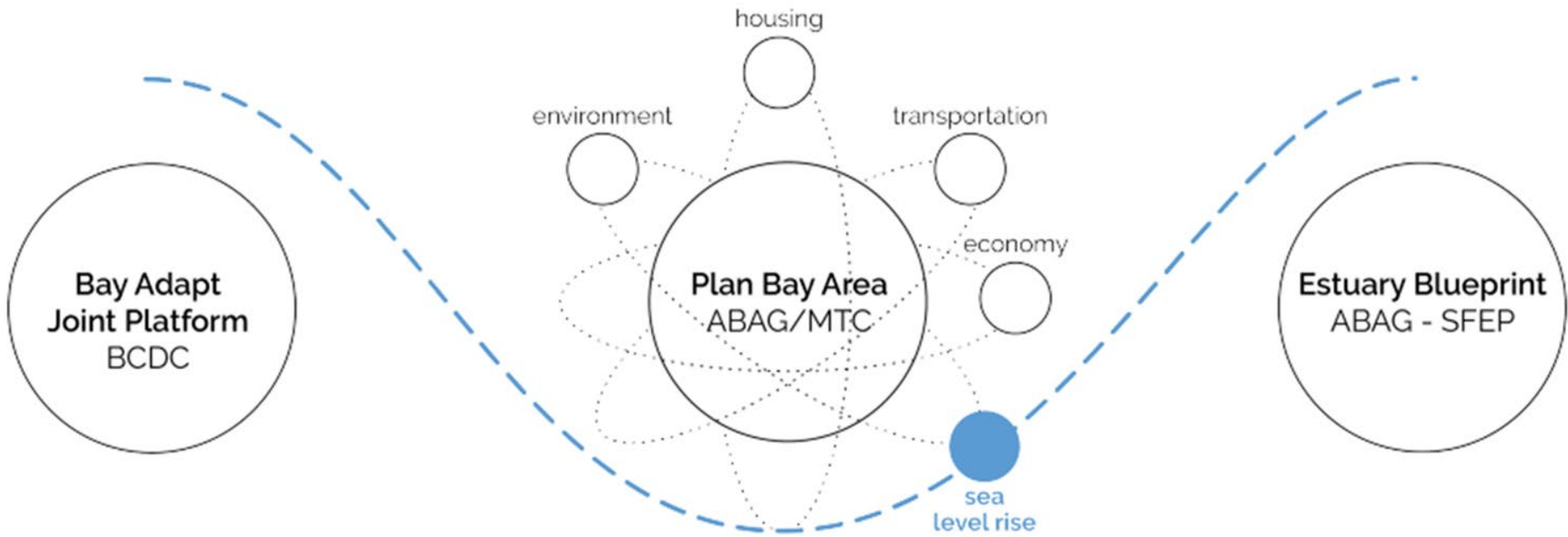
- **Coordinated** adaptation
- Priority resources to **frontline communities**
- Long-term **health of wetlands**
- **Strategic** implementation
- Common **standards and methods**
- Pipeline of **funding**
- Track and **measure progress**



Regional Shoreline
Adaptation Plan

An implementing project of BAY ADAPT

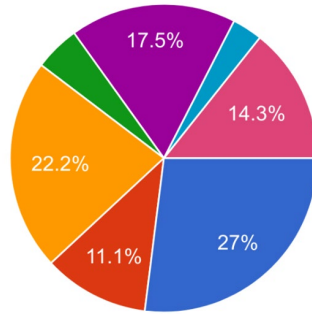
**How are we building on existing
external work?**



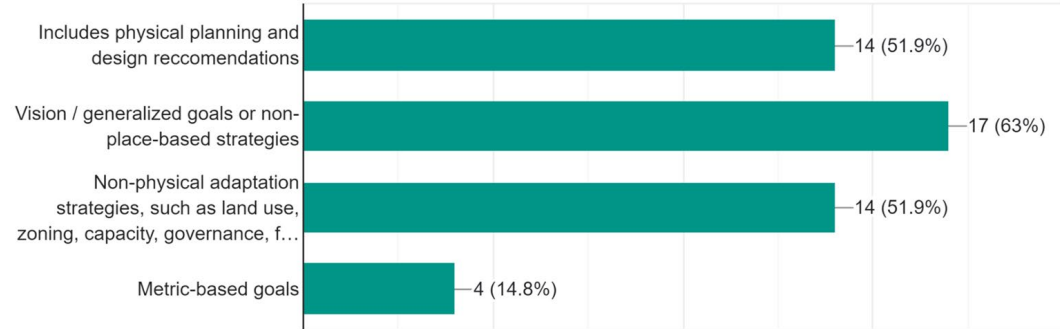
RSAP BACKGROUND RESEARCH

DOCUMENT TYPES

- Visioning Document
- Vulnerability Assessment
- Adaptation Planning Document
- Implementation Project (under construction or on permit pathway)
- Data/Analysis Tool
- Planning Process Support Guidance
- Regulatory or Policy Guidance



KEY DOCUMENT CONTENT



90+

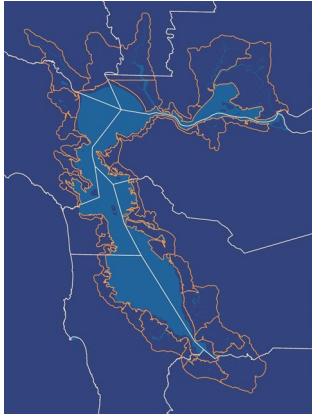
Documents Reviewed and Synthesized
Specific analysis currently informing:

- Topic Area development
- Flood hazard & data conversations
- Today's vision & success measures conversation
- Equity strategy

Q&A for Remaining Time

Mini-Sessions

Please choose your next session!



New to the RSAP?
Learn more

1



Building on
regional work

2



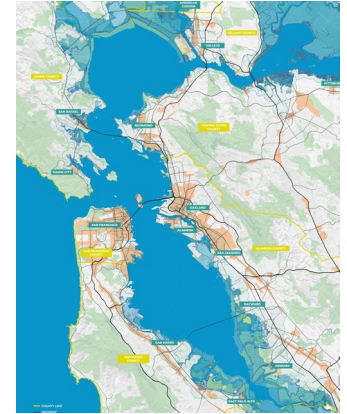
SB 272 and what it
means for RSAP?

3



Embedded equity
in this work

4

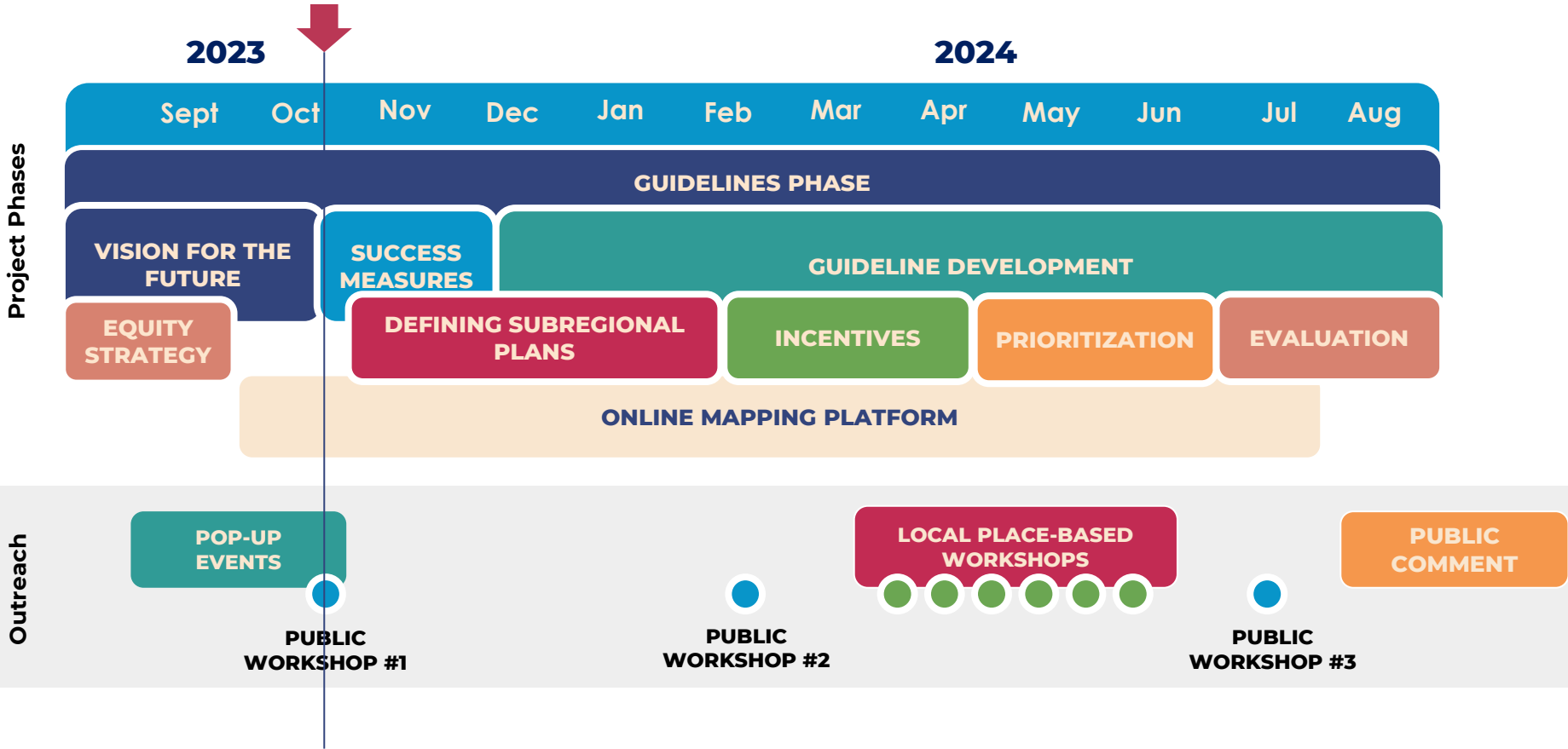


How data and other
tools can support

5

Additional Slides If Needed

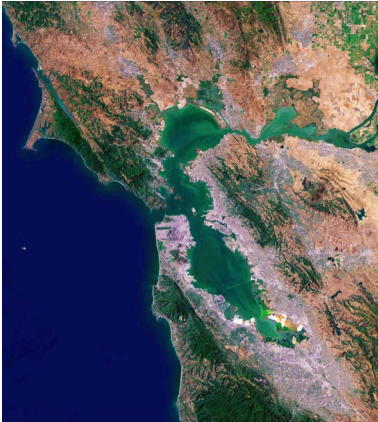
PROJECT TIMELINE



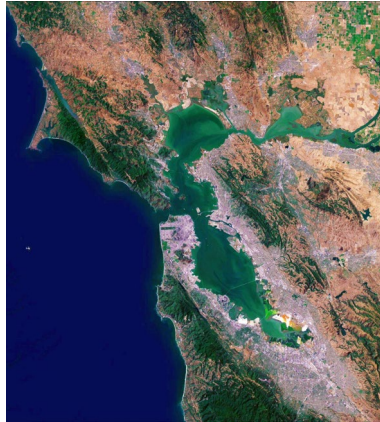
MINI-DISCUSSION PRESENTATION REMINDERS/TIPS

- These are **15-min sessions, and there will be two in total** (these are the same sessions but repeated with different groups of people)
- Please be prepared to give **5-7 min of presentation** and allow for time for Q&A
- The audiences might be vastly different in terms of general vs. technical. Please be prepared to give the appropriate context that anyone can understand, but you can also include some details for more technical audiences, if appropriate to your topic.
- **Note-taking instructions will be updated shortly!**
- Note-takers might need to support presenters in answering questions. I'd suggest after the presentation taking the slides down and allowing people to ask questions in the room (through hand raise function). Also encourage people to use the chat for questions. Any questions that don't get answered live will be responded to in the follow-up materials.
- Please have your presentations complete by Wed 10/25. You can reach out to Dana or Jackie for questions!

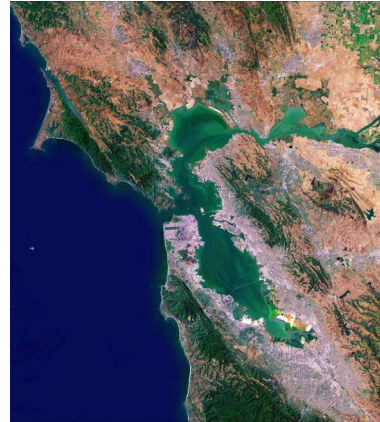
SLIDE TITLE



Caption



Caption



Caption



Caption

