

Sea Level Rise: How Can We Adapt?

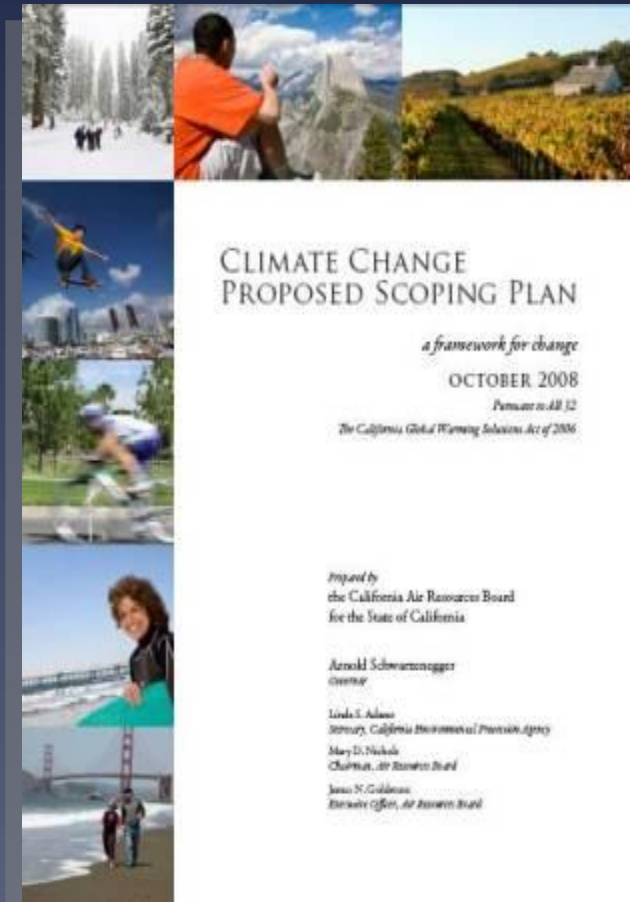
Bay Area Policies and Programs



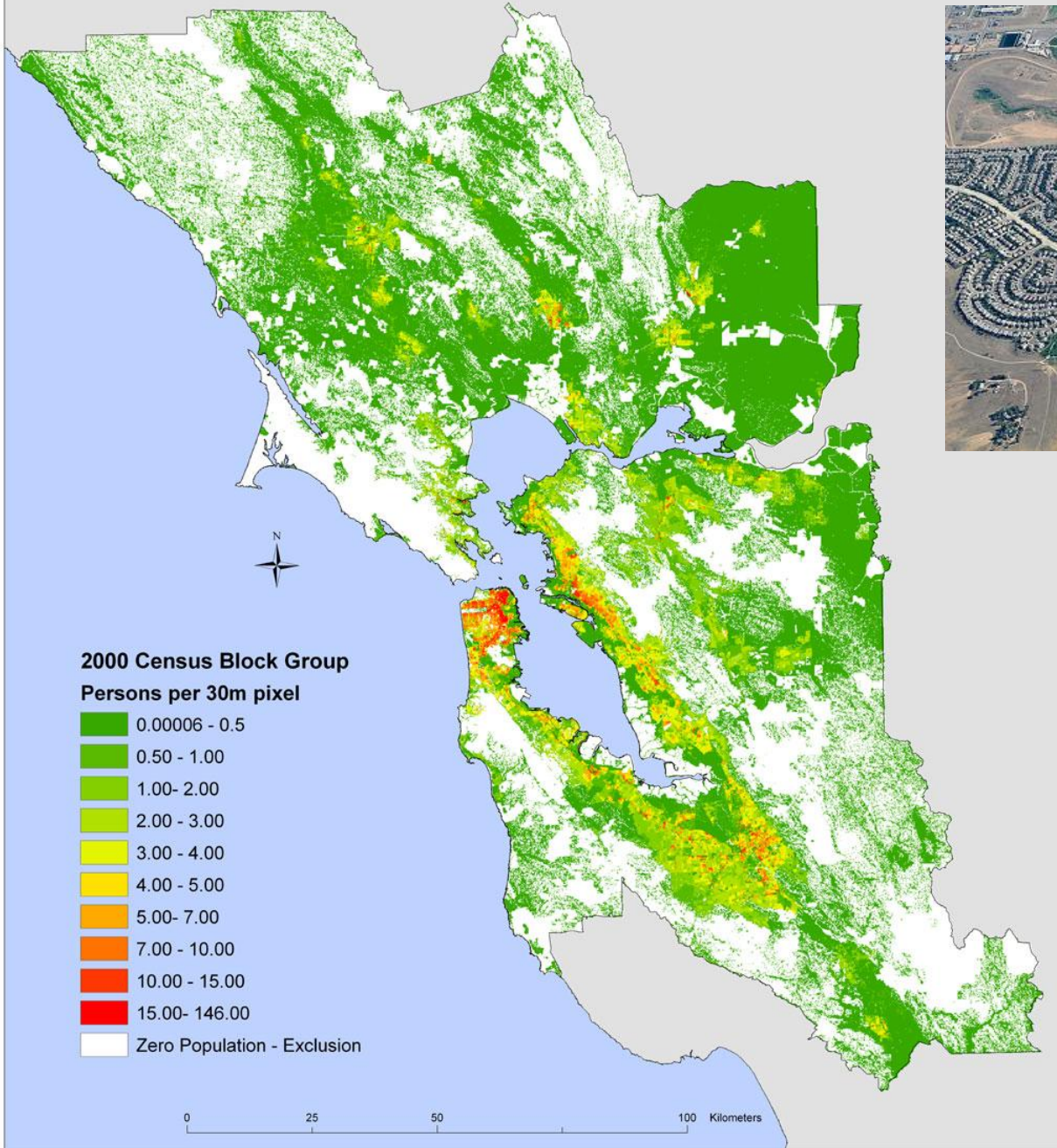
Will Travis, Senior Advisor
Bay Area Joint Policy Committee

California Statewide Climate Change Emissions Reduction Programs

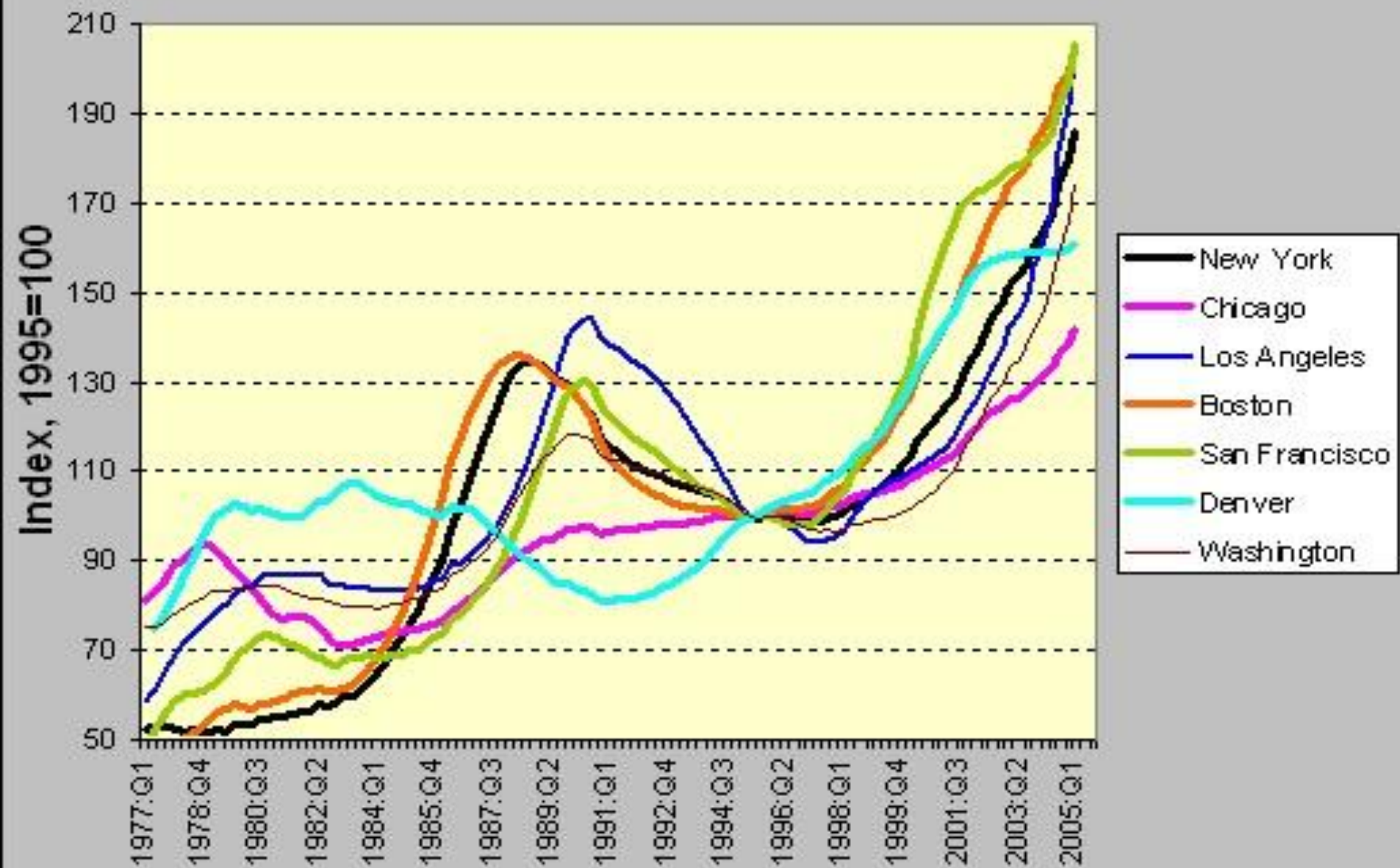
- * **AB 1493 (2002) Pavley Bill**
 - * Vehicles sold in California must emit 20% fewer GHGs by 2012 and 30% fewer by 2016
- * **AB 32 (2006) Global Warming Solutions Act**
 - * Reduce GHG emissions at least 20% by 2020
- * **SB 375 (2008)**
 - * Requires regional plans to address GHG emissions from land use and transportation



2000 Population Density for the San Francisco Bay Region



Inflation-adjusted House Prices by Metro Area, 1977-2005



A red arrow-shaped sign with a white border, pointing to the right. The sign is mounted on a thin metal post. The background is a blurred outdoor setting with trees and a house.

**HOME
FOR
SALE**

 Tracy
Stockton
JCT 1 MILE

 TO SOUTH 
Fresno
Los Angeles

Grant Line Rd
Byron 







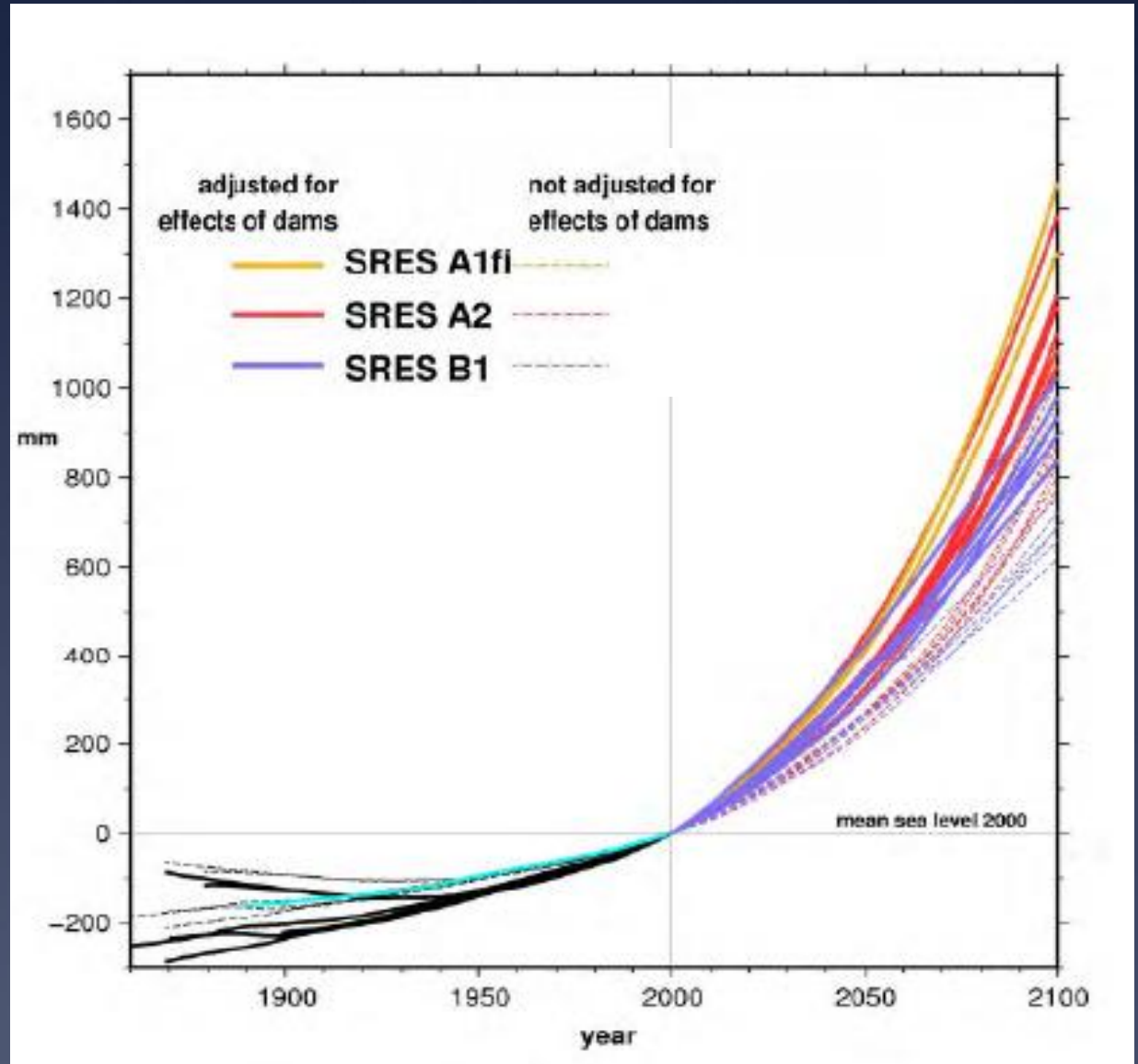
FRUITVALE VILLAGE

GRAND OPENING

Projected Sea Level Rise

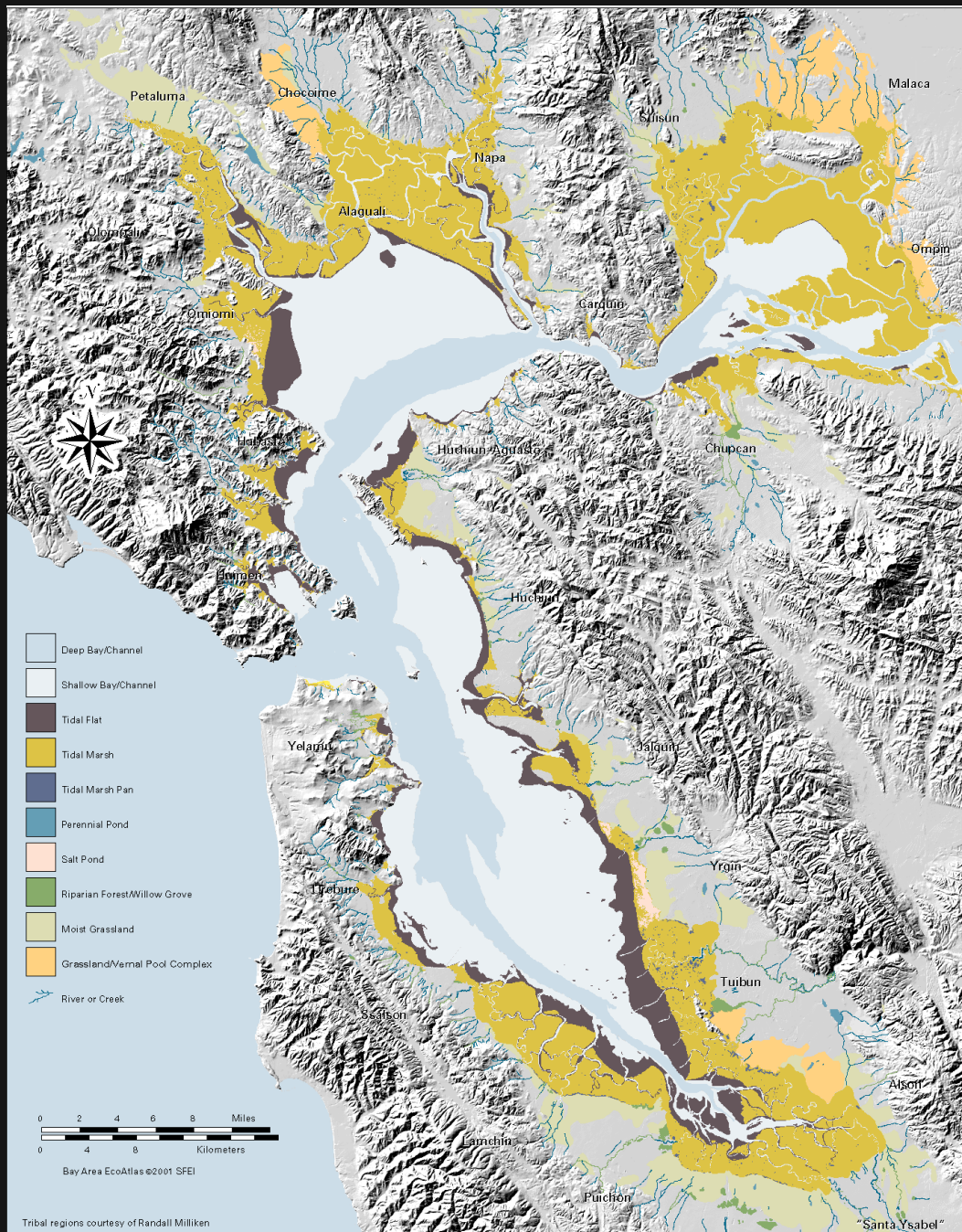
Three Emissions Scenarios:

- A1fi – High
- A2 – Medium High
- B1 – Low



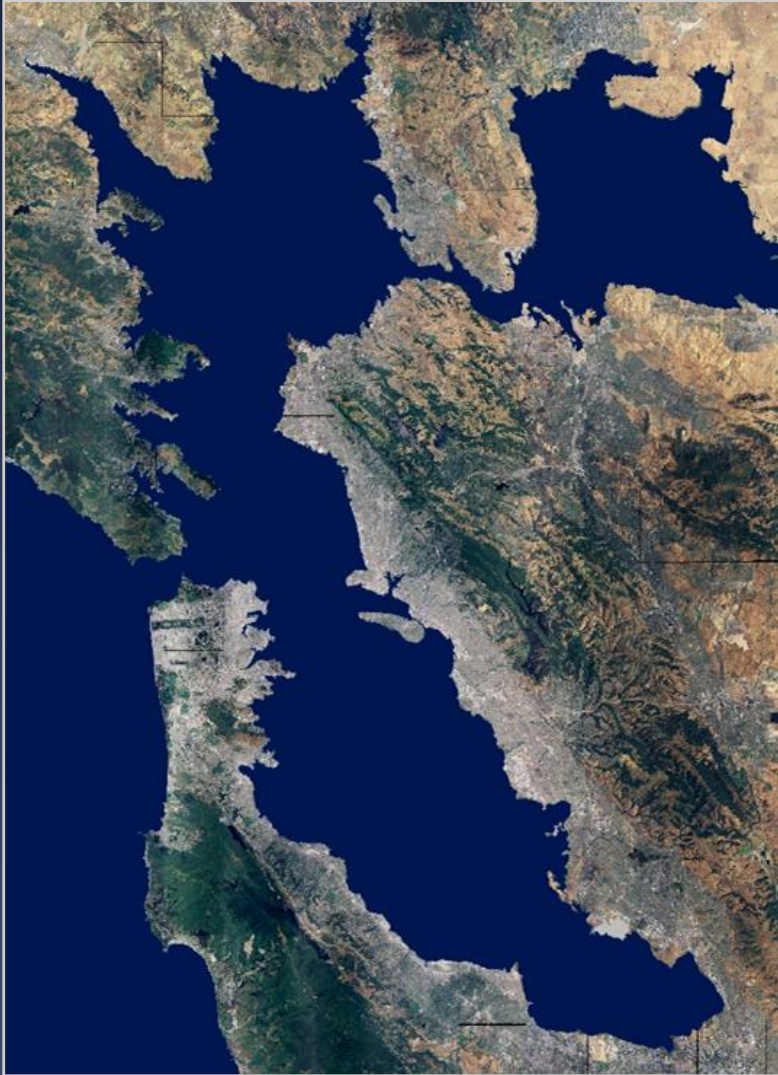
Source: California Climate Action Team Report 2009







1849





2100







San Francisco International Airport

-  Sixteen Inch Sea Level Rise and
-  Fifty-five Inch Sea Level Rise





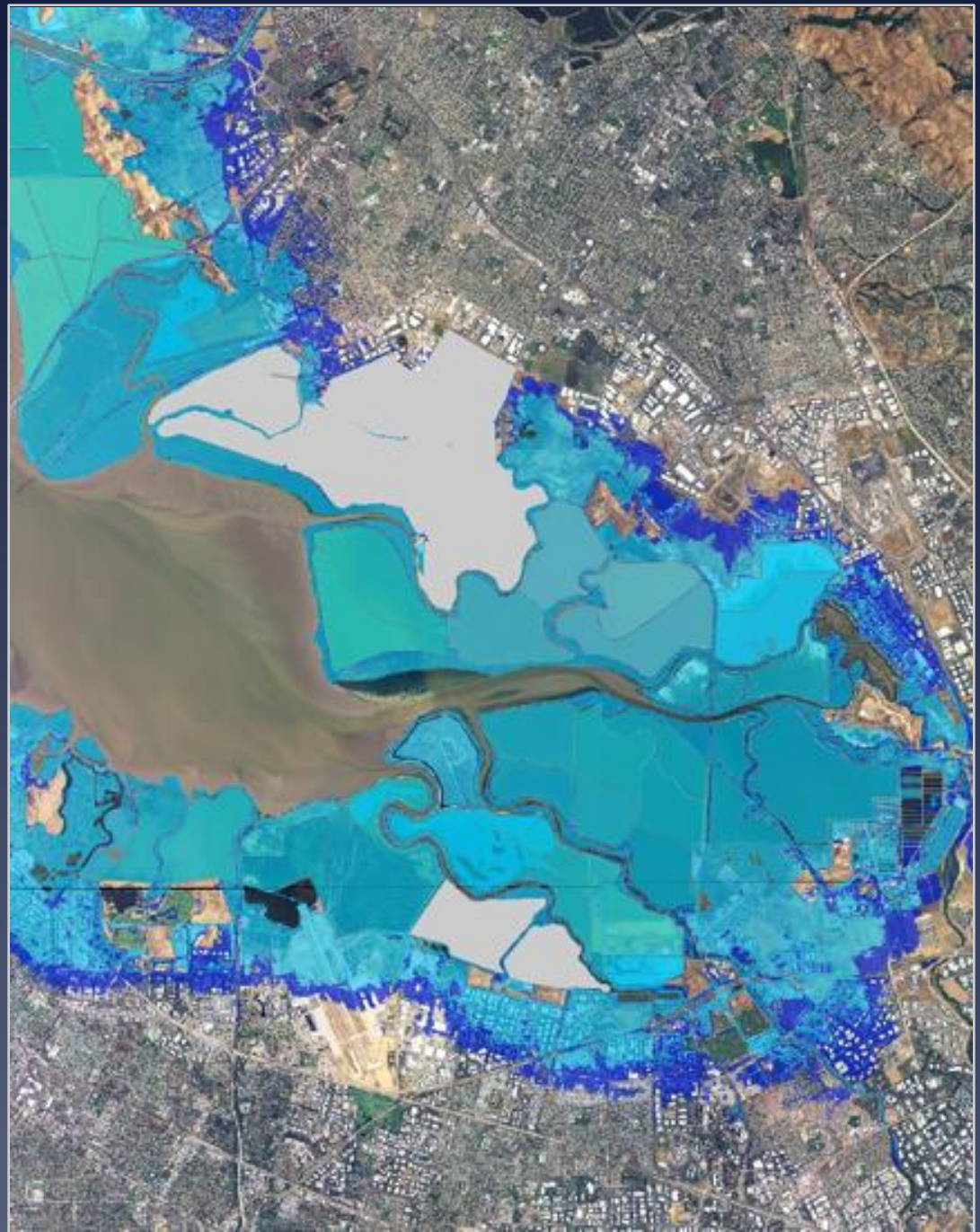
Oakland International Airport

-  Sixteen Inch Sea Level Rise and
-  Fifty-five Inch Sea Level Rise





Silicon Valley

 Sixteen Inch Sea Level Rise
and
 Fifty-five Inch Sea Level Rise



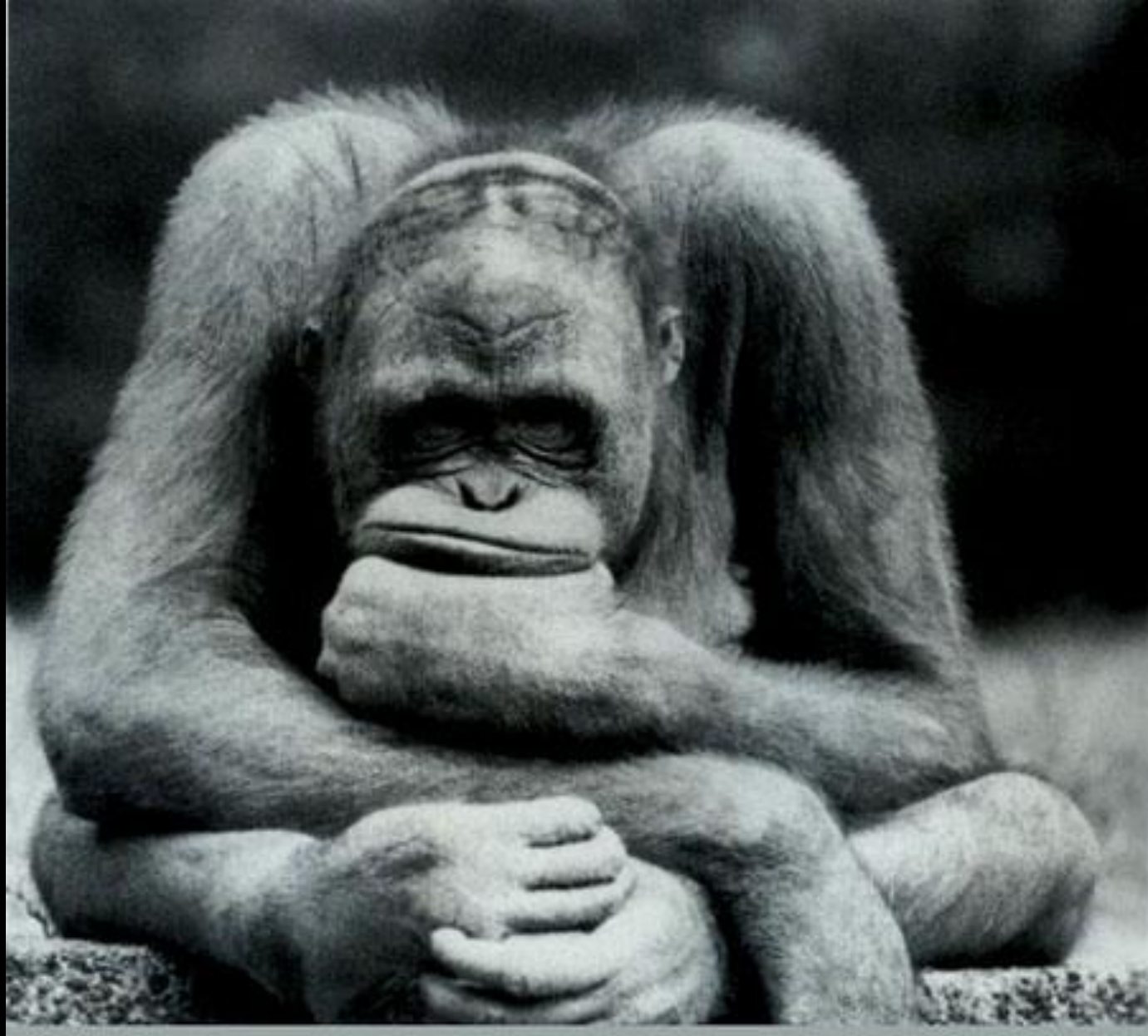
Marin County

 Sixteen Inch Sea Level Rise
and
 Fifty-five Inch Sea Level Rise









Oh what to to, what to dooo?



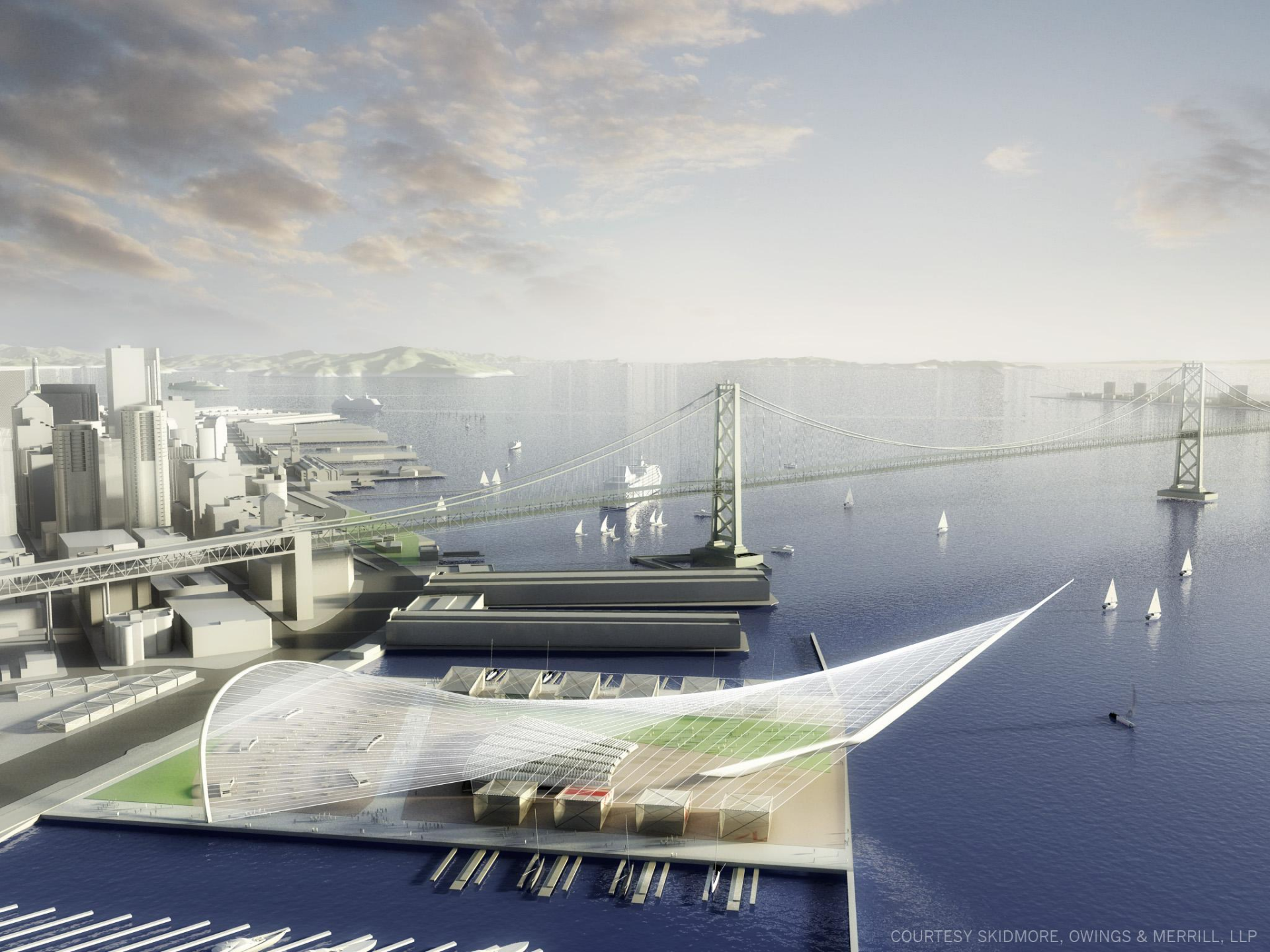


HEAD FOR THE HILLS



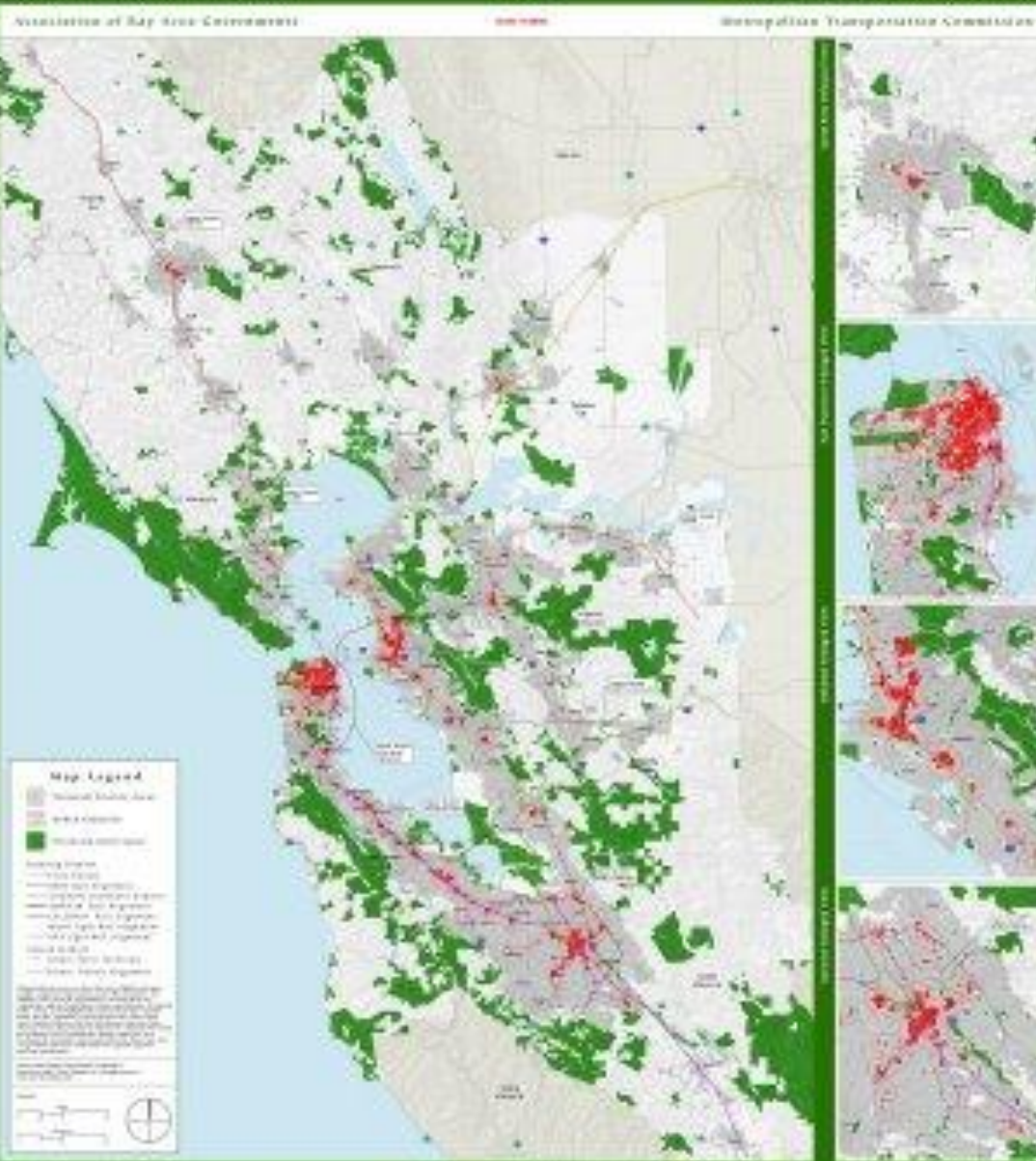


UCSF Mission Bay



Focusing Our Vision: Regional Analysis

Potential Priority Areas based on TAC Composite Scenario



Average Weight of all Themes Voted on by TAC Members



Pompanoout Ferry

FREEDOCK LTD

SALACIA
BOSTON, MA

CUSTOM HOUSE BLOCK

















San Francisco Bay Plan

San Francisco Bay Conservation
and
Development Commission



One Bay Area

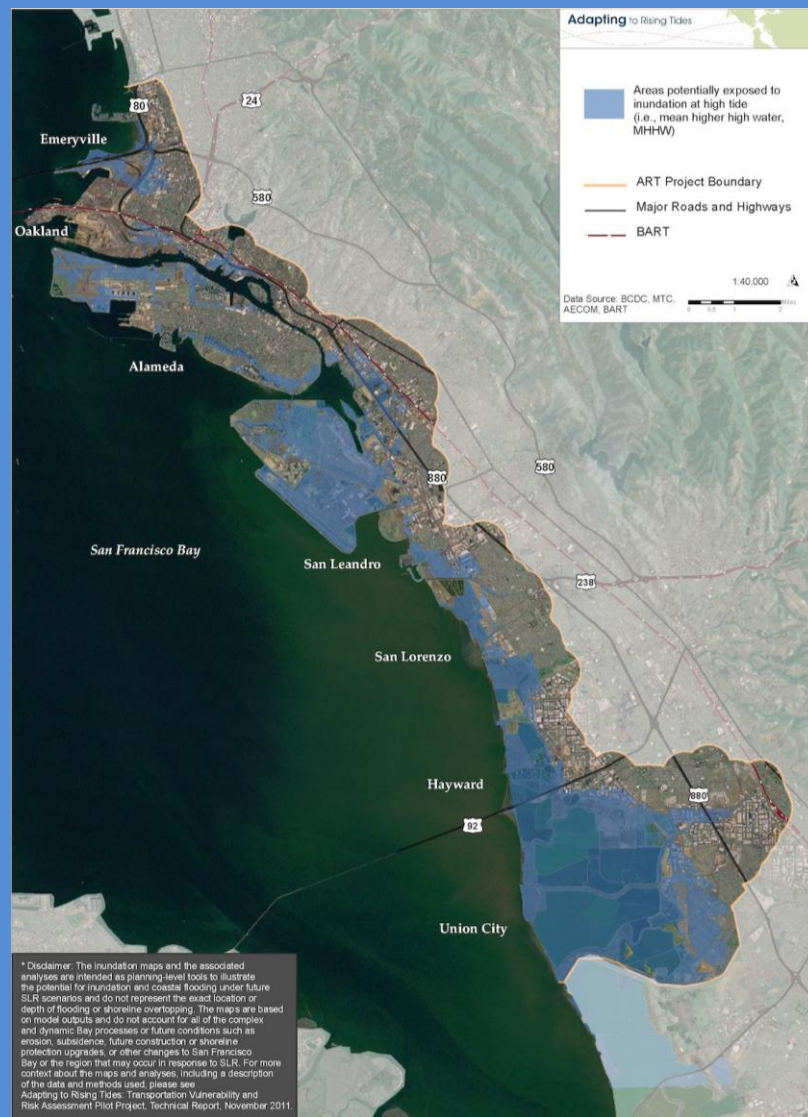


Plan Bay Area



Adapting to Rising Tides

The goal of the ART project is to increase the preparedness and resilience of Bay Area communities to sea level rise and other climate change impacts while protecting ecosystem and community services.





San Francisco Chronicle

January 1, 2050

Scientists Were Right: Climate Has Changed

Bay Area Prepared and Adapted.
Now More Prosperous Than Ever

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