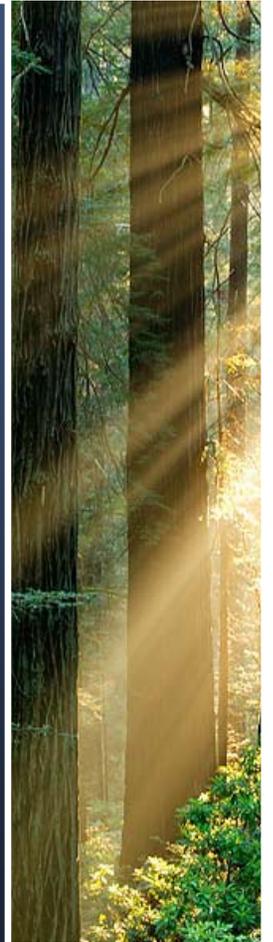


A Climate Change Strategy for the San Francisco Bay Region

Will Travis, Executive Director
San Francisco Bay Conservation
and Development Commission



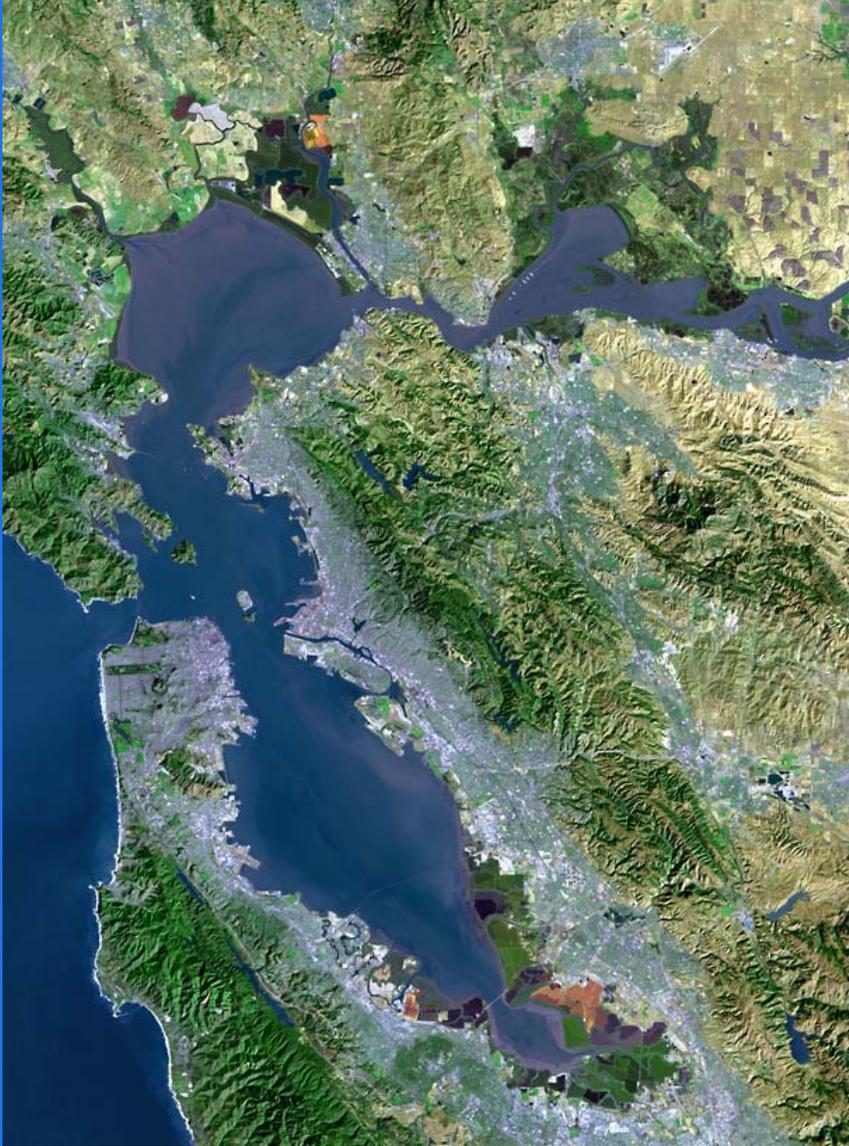
School of Law
CCEL
CALIFORNIA CENTER FOR
ENVIRONMENTAL LAW AND POLICY
UNIVERSITY OF CALIFORNIA, BERKELEY



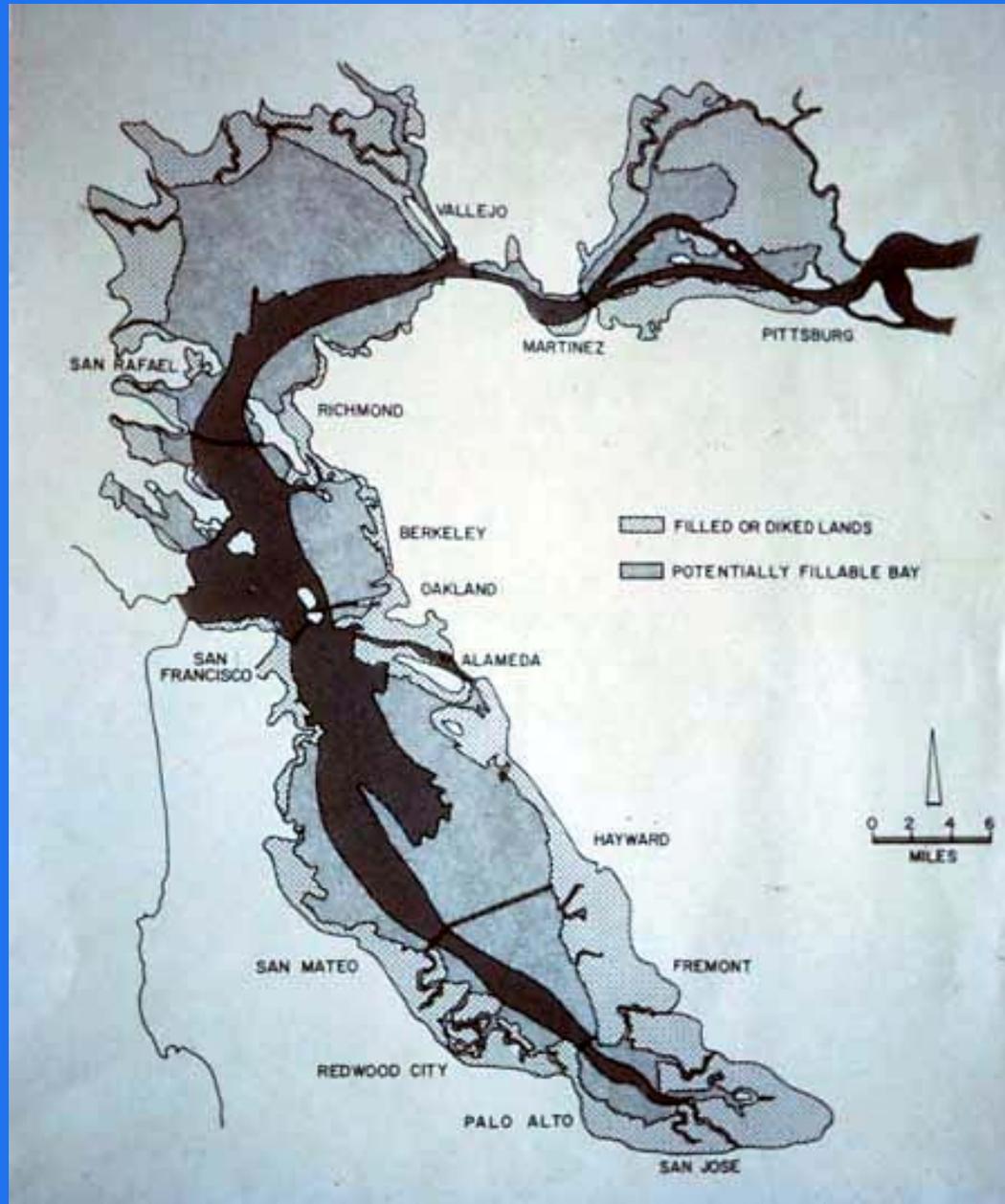
A Climate Change Strategy for the San Francisco Bay Region



San Francisco Bay Conservation and
Development Commission











Positive proof of global warming.



1800's

1900's

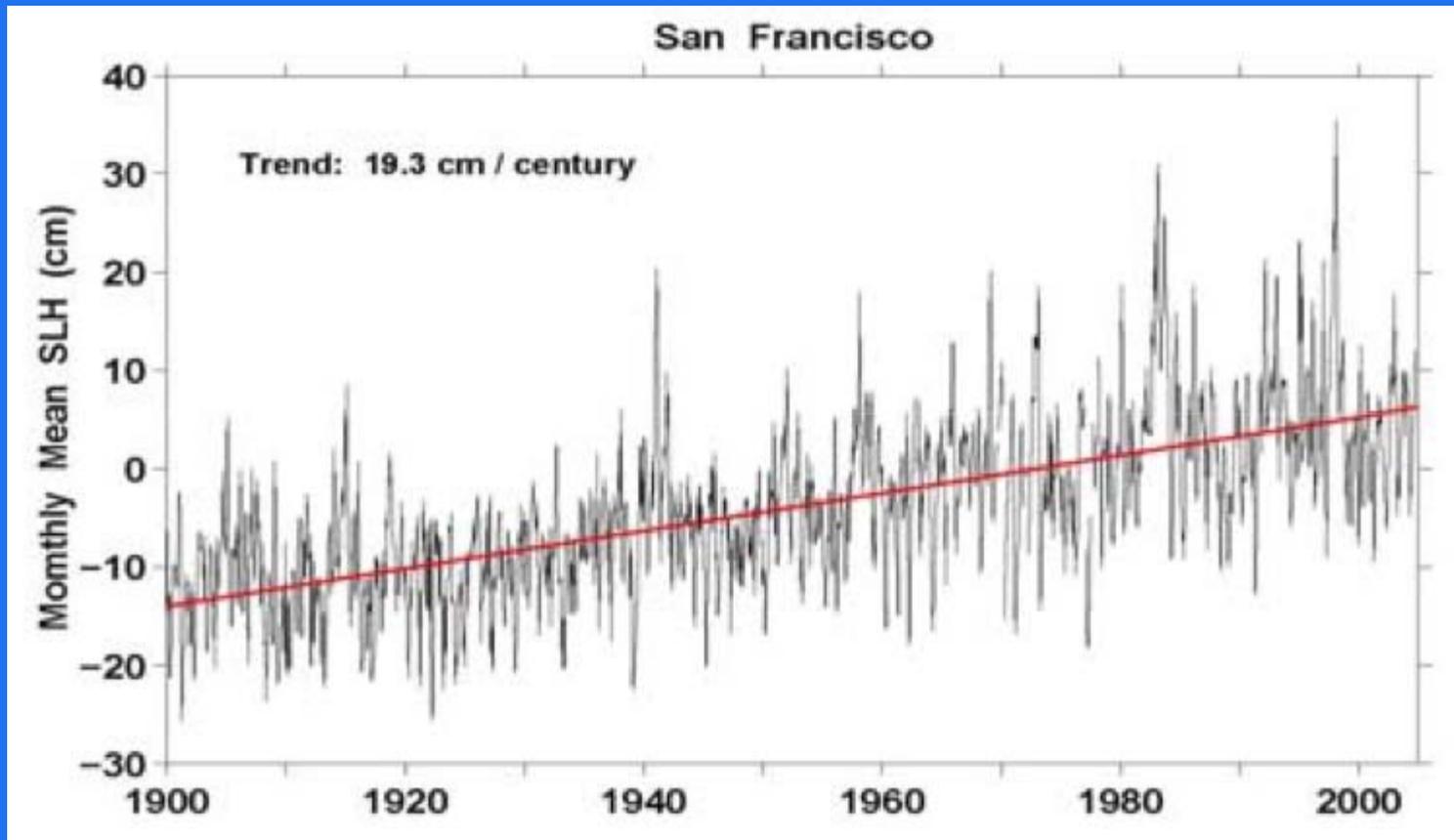
1950

1970

1980

1990

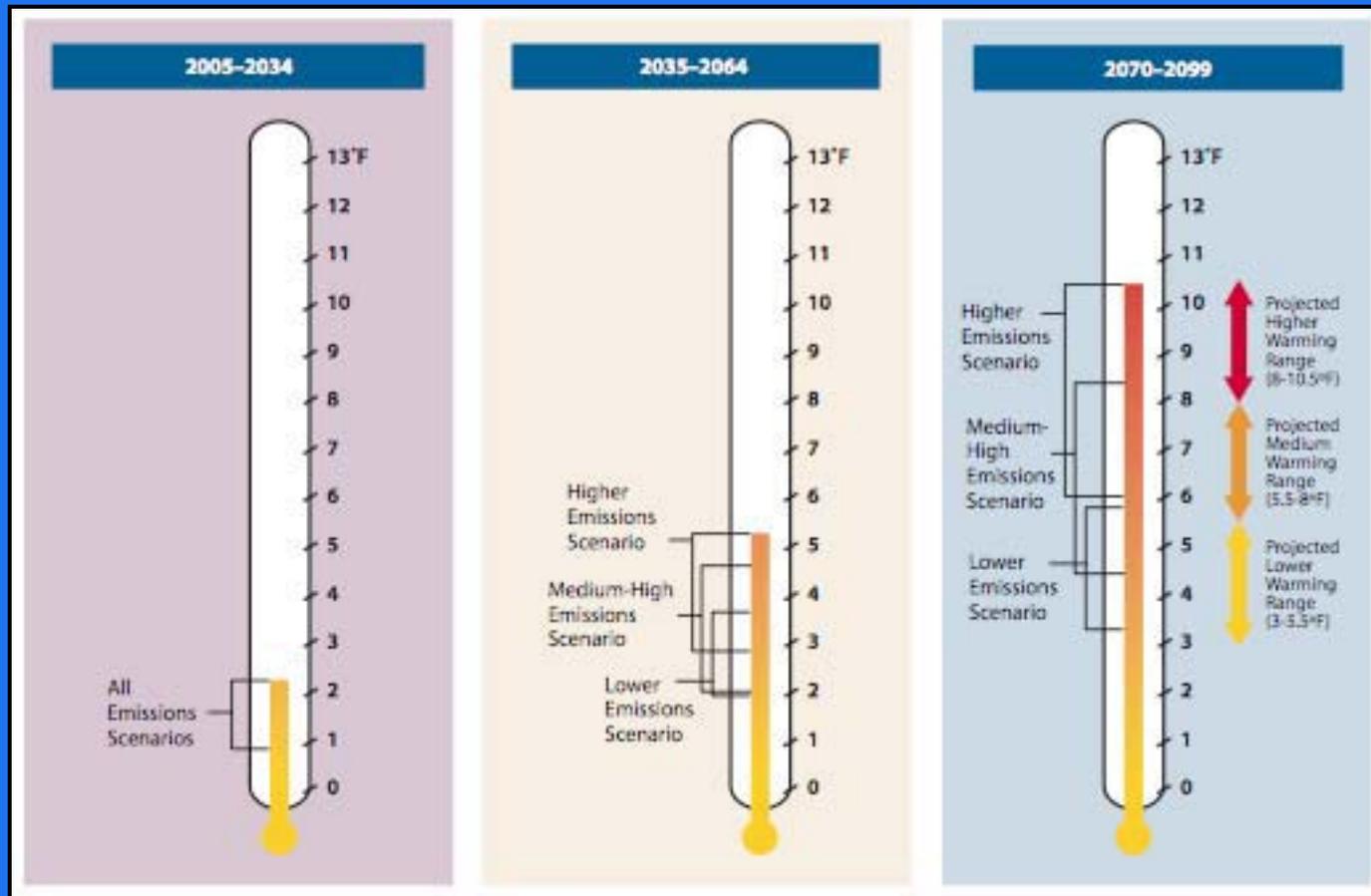
San Francisco-observed sea level with trend of 19.3 cm (0.63 feet) per century



Source: California Climate Action Team Report 2006

Climate Change Scenarios for California

Three Emissions Scenarios: Lower, Medium-High, Higher

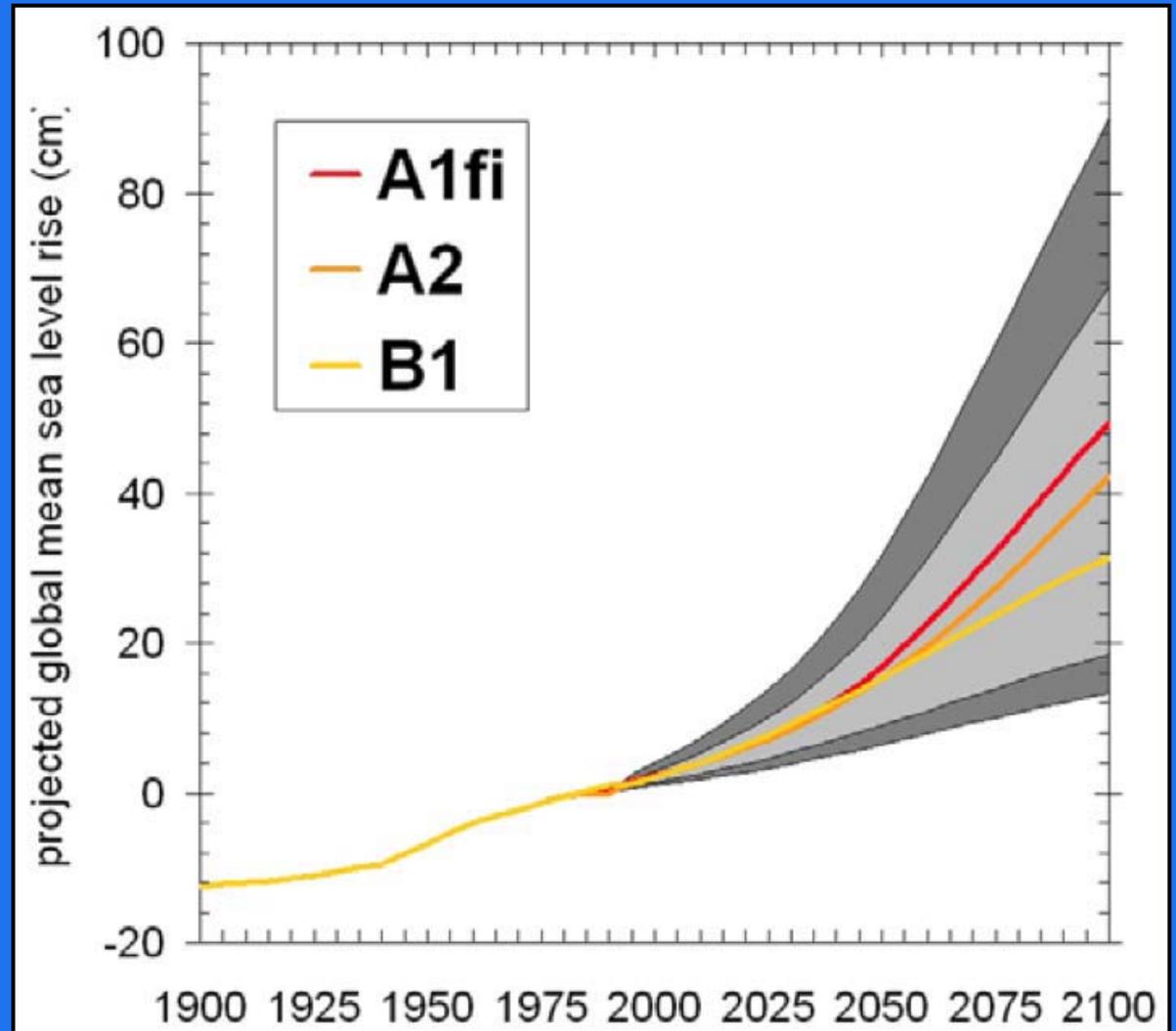


Source: California Climate Action Team Report 2006

Projected Sea Level Rise

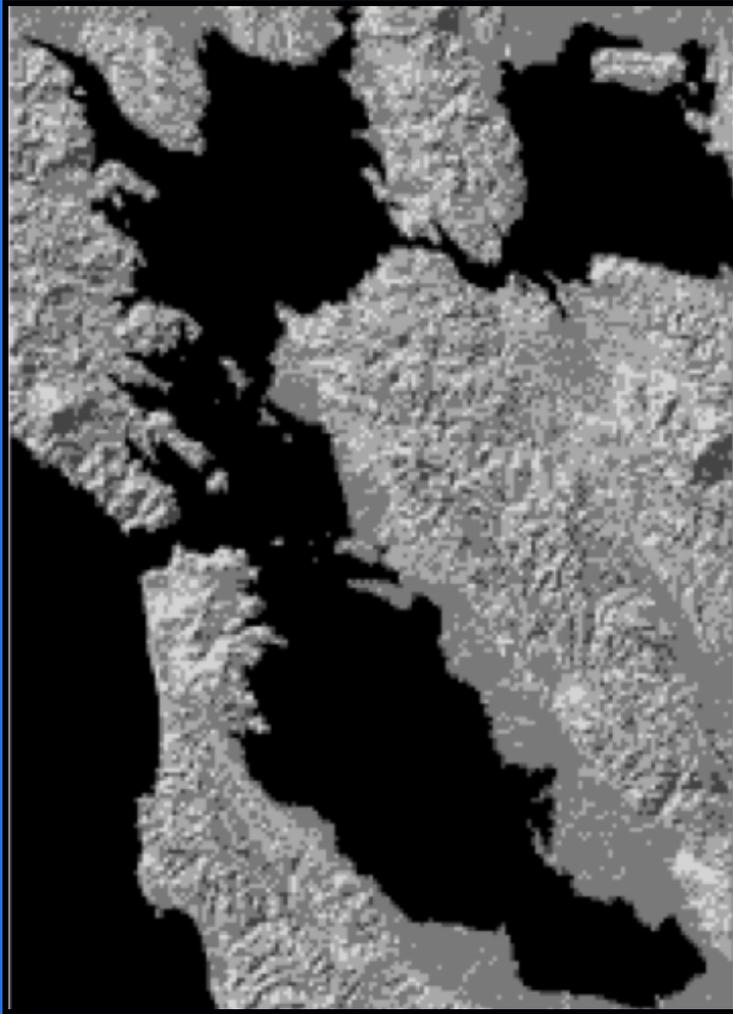
Three Emissions Scenarios:

- A1fi - high
- A2 - medium-high
- B1 - low



Source: California Climate Action Team Report 2006

1849



2100



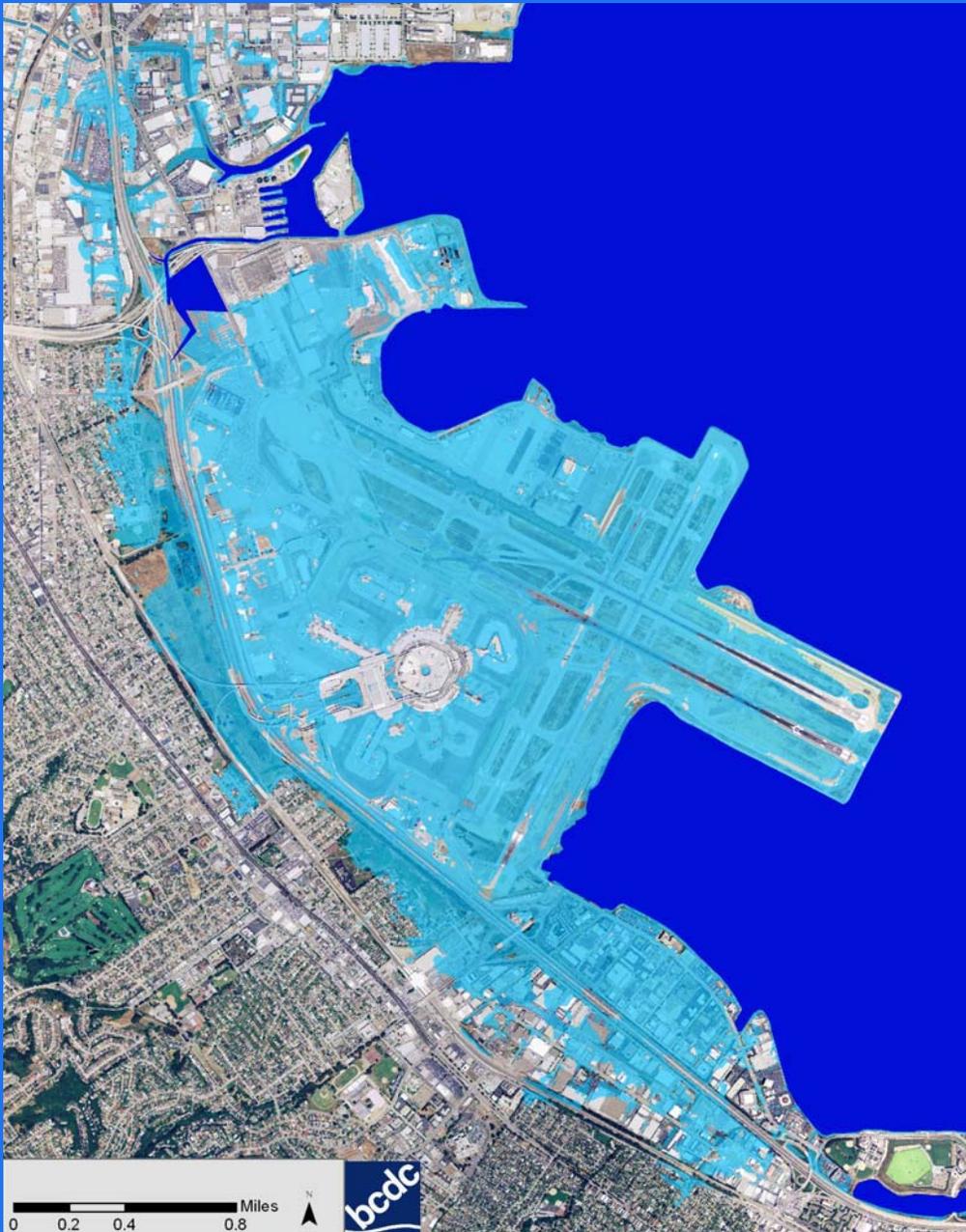


UCSF Mission Bay

© Mark Defeo, 2003

San Francisco International Airport

One Meter Sea Level Rise



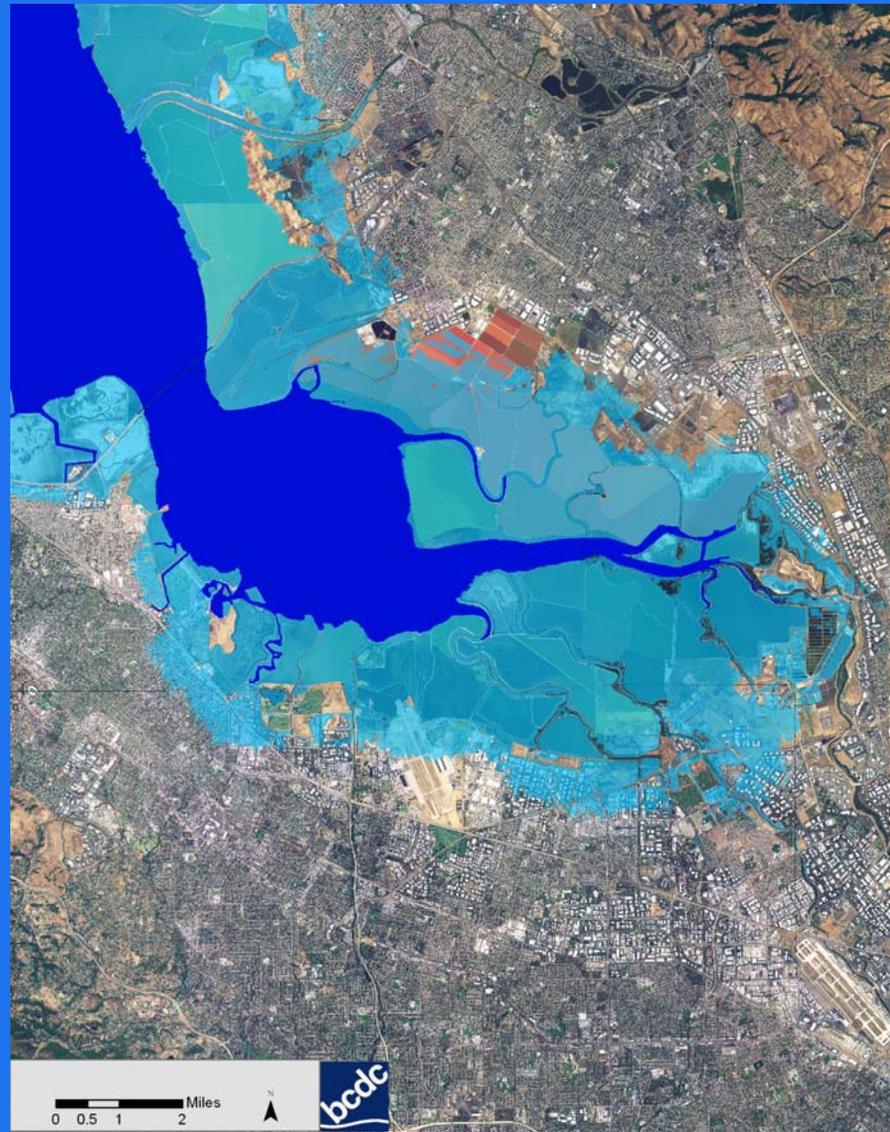
Oakland International Airport

One Meter Sea Level Rise



Silicon Valley

One Meter Sea Level Rise



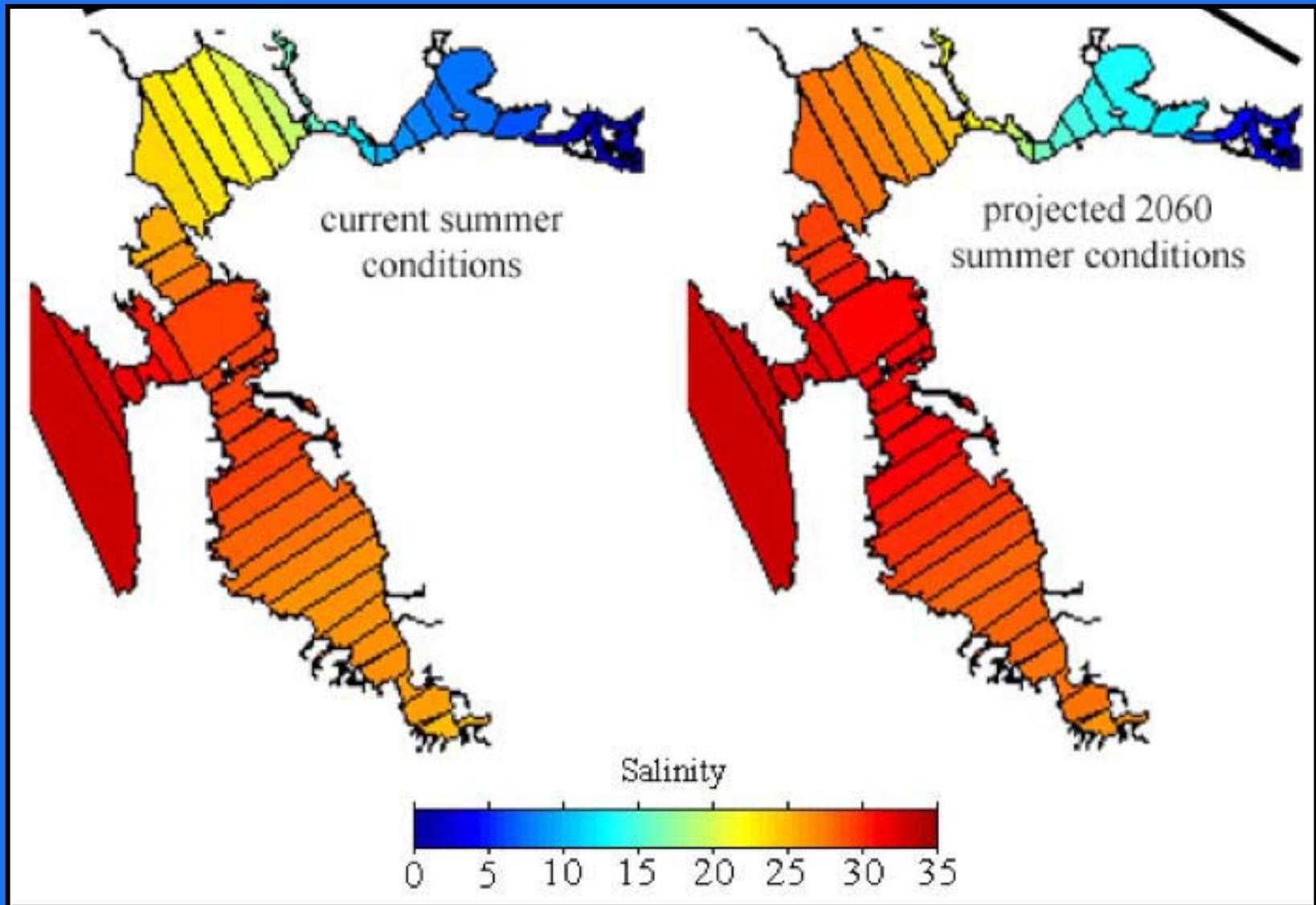


Increased Storm Activity



A 30 cm (11.8 inches) increase in sea level rise would shift the 100-year storm surge-induced flood event to once every 10 years.





Cayan et. al. 2005

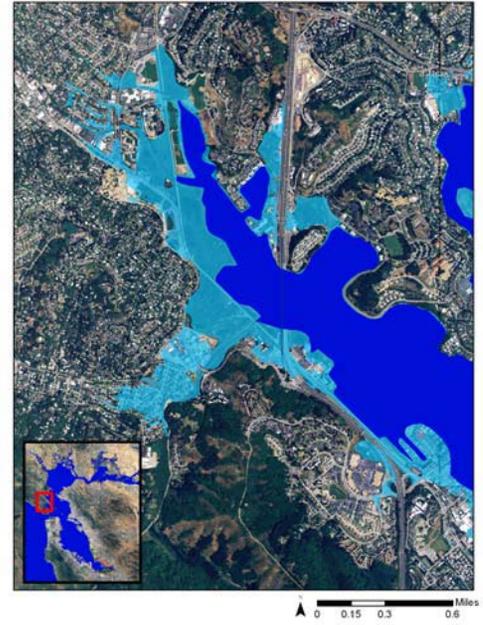








San Francisco Bay Scenario for Sea Level Rise
Richardson Bay



San Francisco Bay
 1 m sea level rise



Map is based on USGS elevation data and NAIIP imagery. Map is illustrative and depicts a potential inundation scenario in 2100. Limitations in the geospatial data available may affect accuracy. Map should not be used for planning purposes.

San Francisco Bay Scenario for Sea Level Rise
San Francisco Bay



San Francisco Bay
 1 m sea level rise



Map is based on USGS elevation data and NAIIP imagery. Map is illustrative and depicts a potential inundation scenario in 2100. Limitations in the geospatial data available may affect accuracy. Map should not be used for planning purposes.

San Francisco Bay Scenario for Sea Level Rise
SFO



San Francisco Bay
 1 m sea level rise



Map is based on USGS elevation data and NAIIP imagery. Map is illustrative and depicts a potential inundation scenario in 2100. Limitations in the geospatial data available may affect accuracy. Map should not be used for planning purposes.





San Francisco Bay Plan

San Francisco Bay Conservation
and
Development Commission

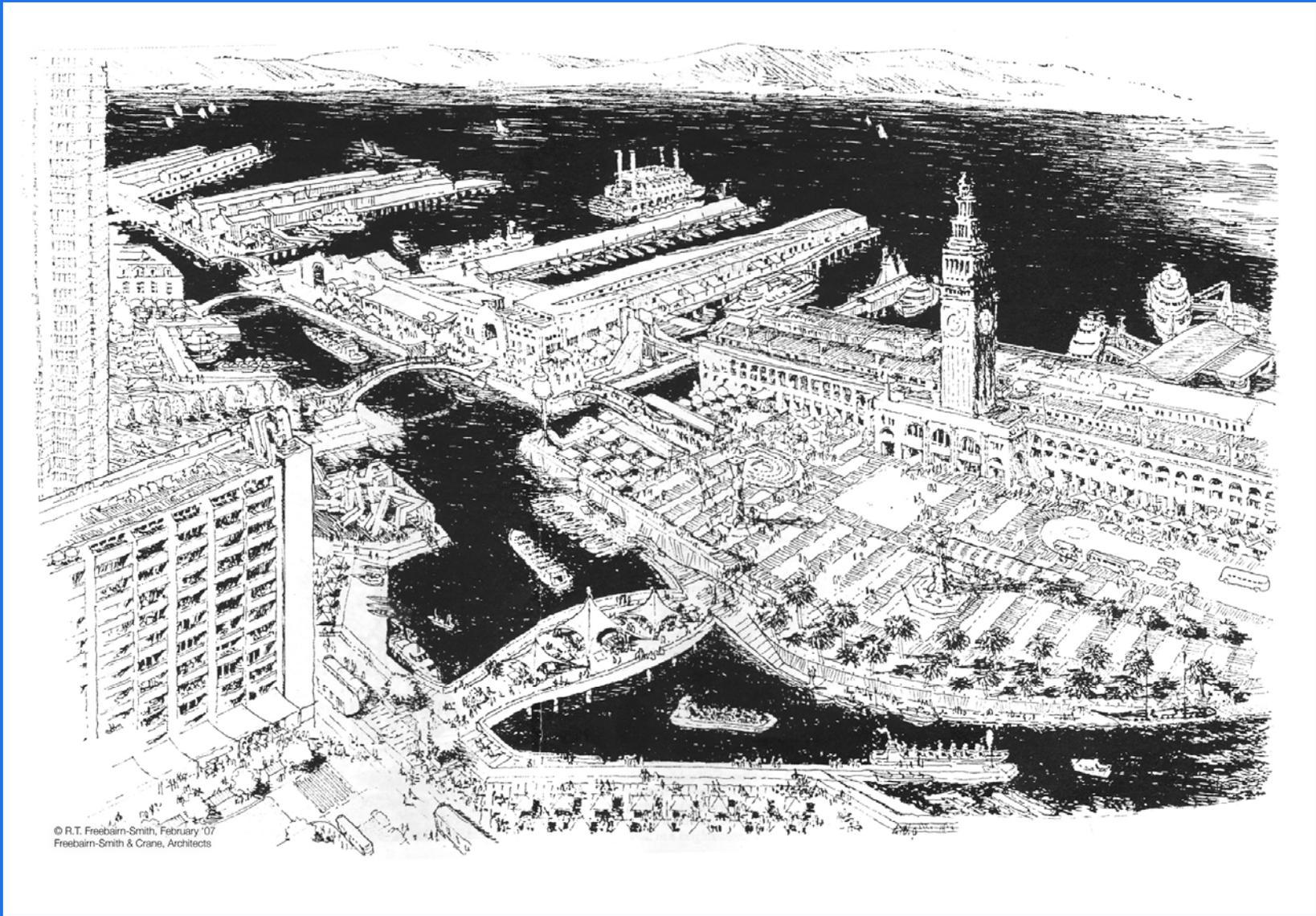












© R.T. Freebairn-Smith, February '07
Freebairn-Smith & Crane, Architects







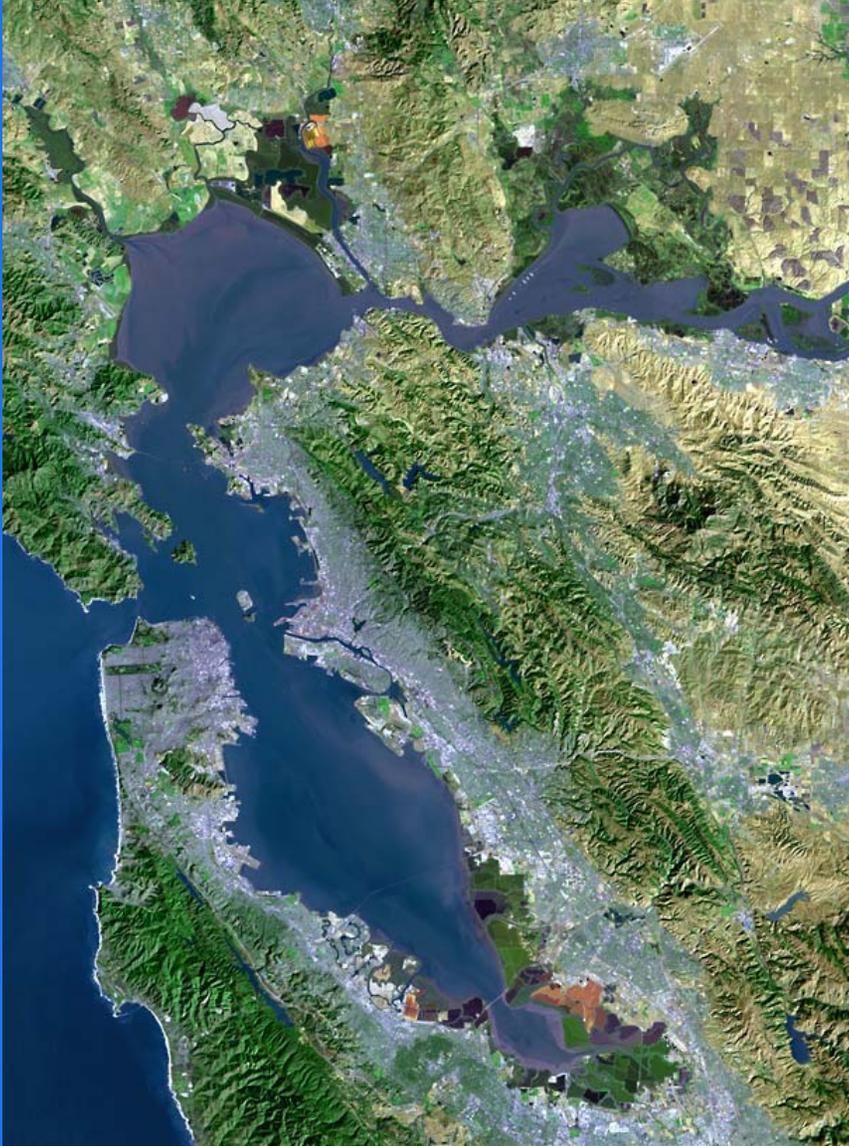
Copyright © 2005 Autodesk, Inc.

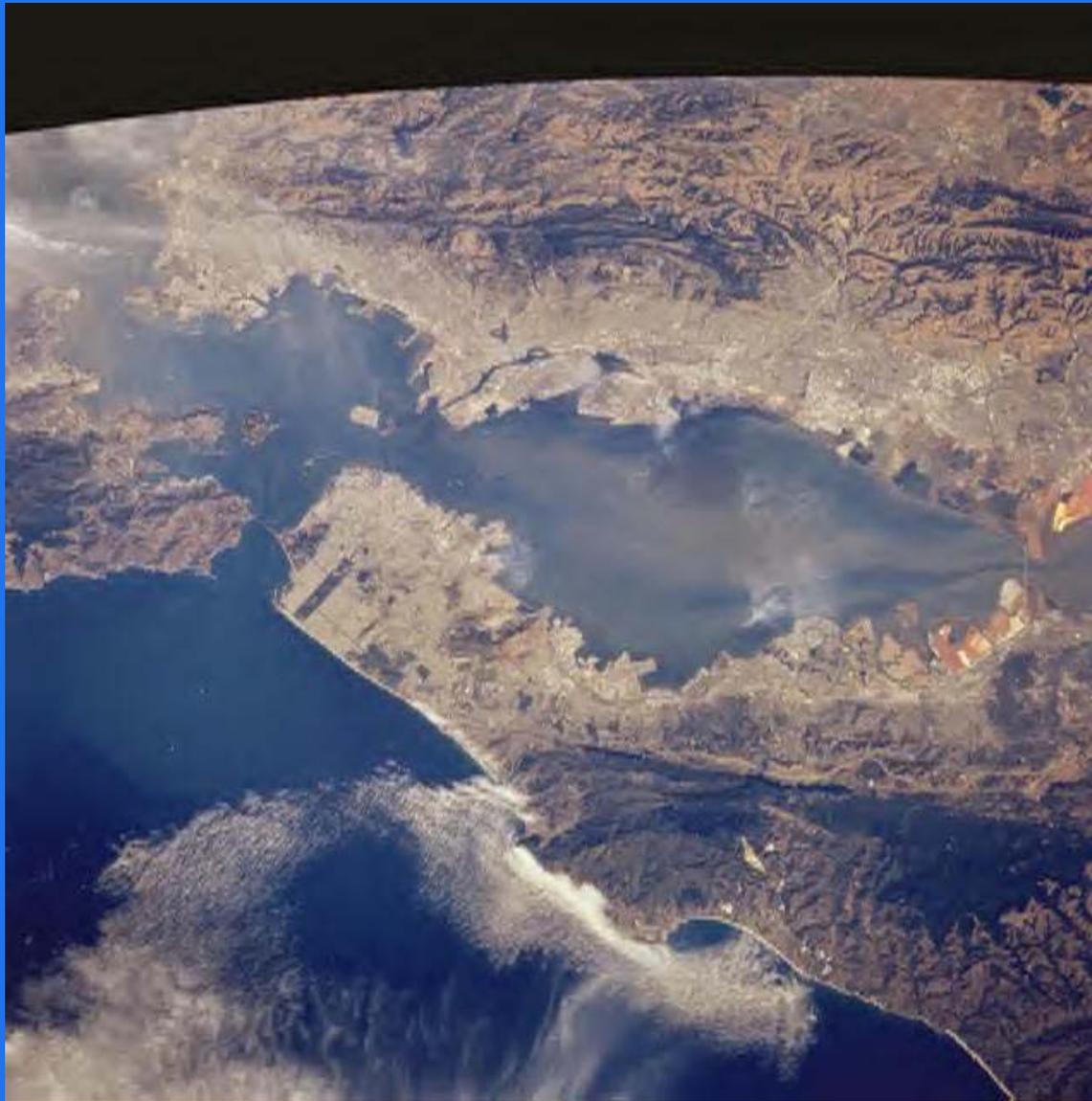




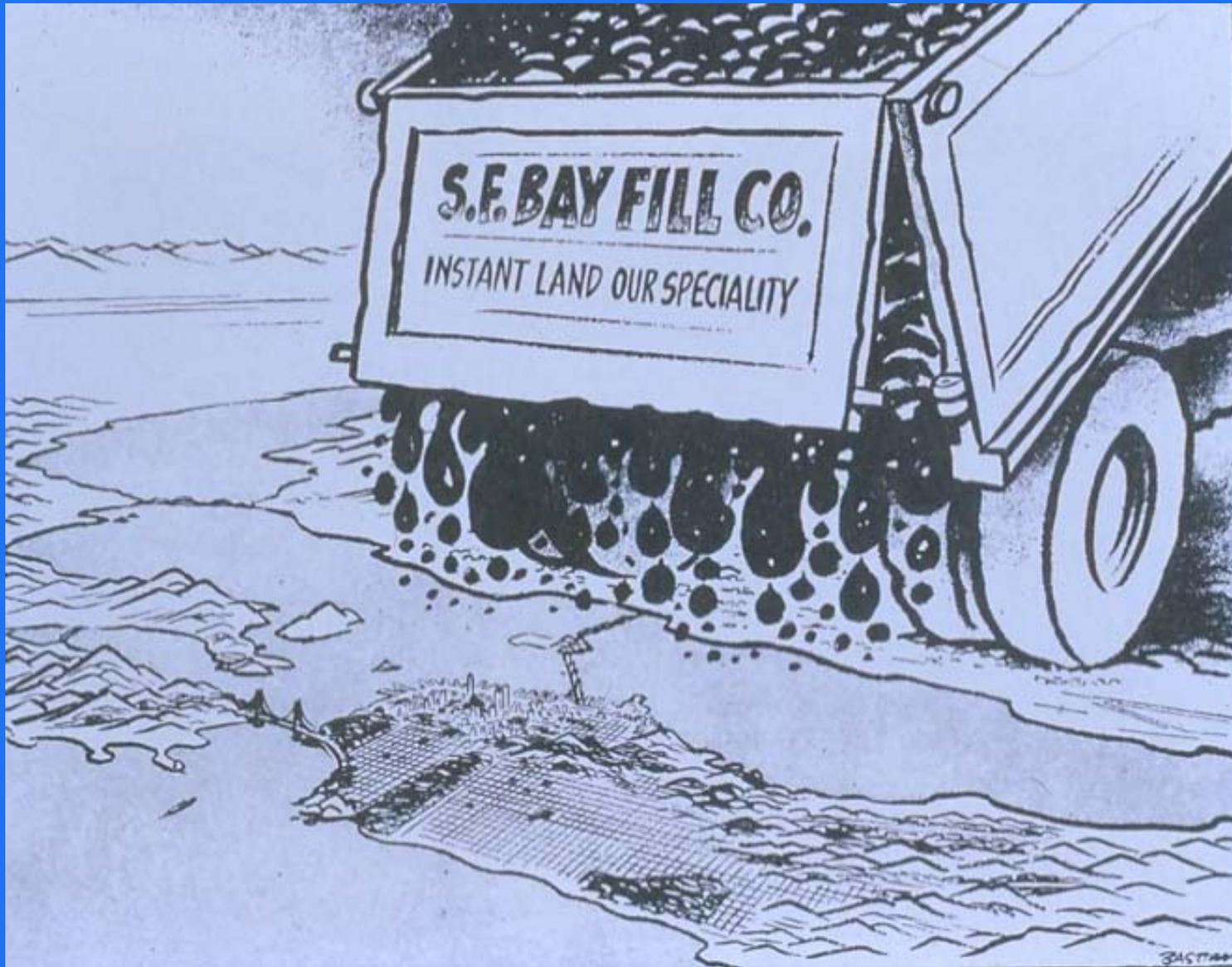










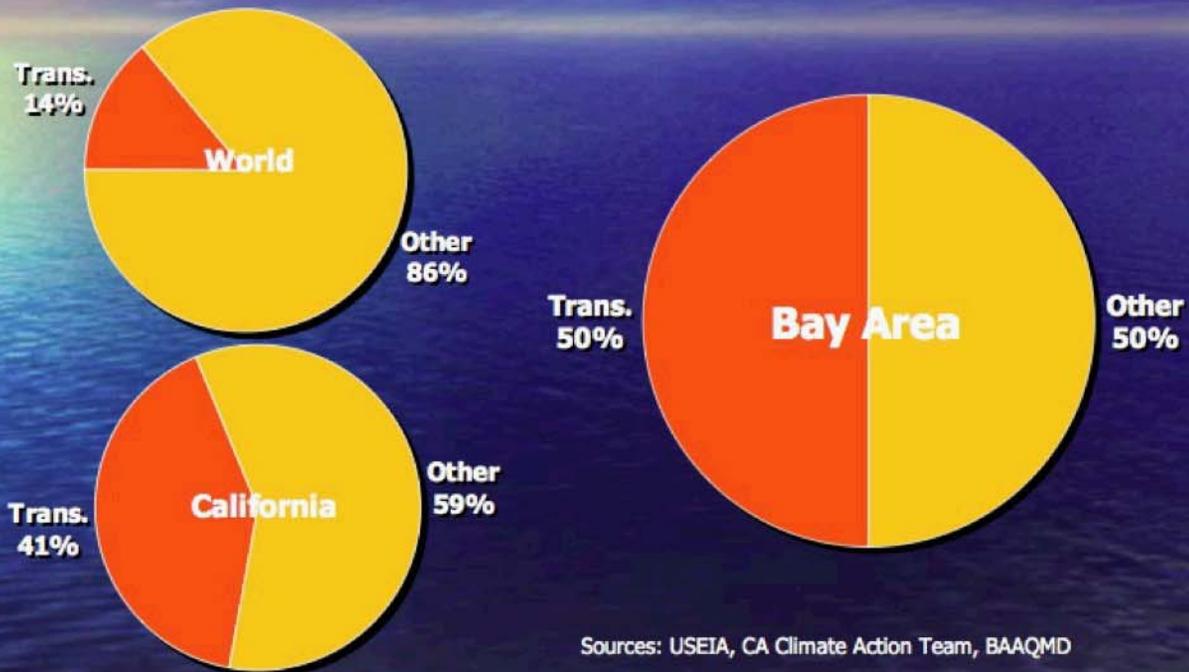






California Leadership
Ending Global Warming

Contributors: GHGs Compared



Sources: USEIA, CA Climate Action Team, BAAQMD













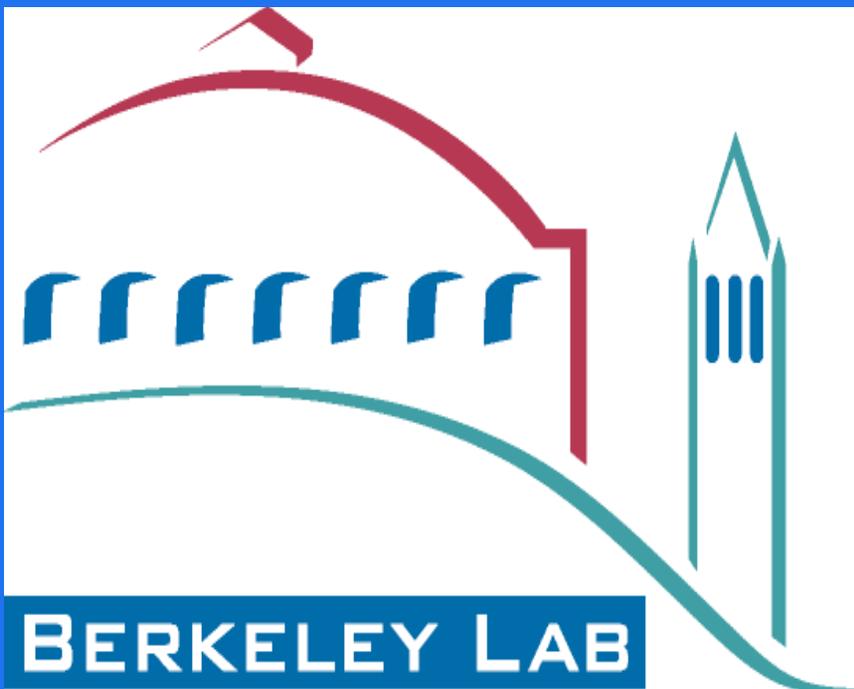




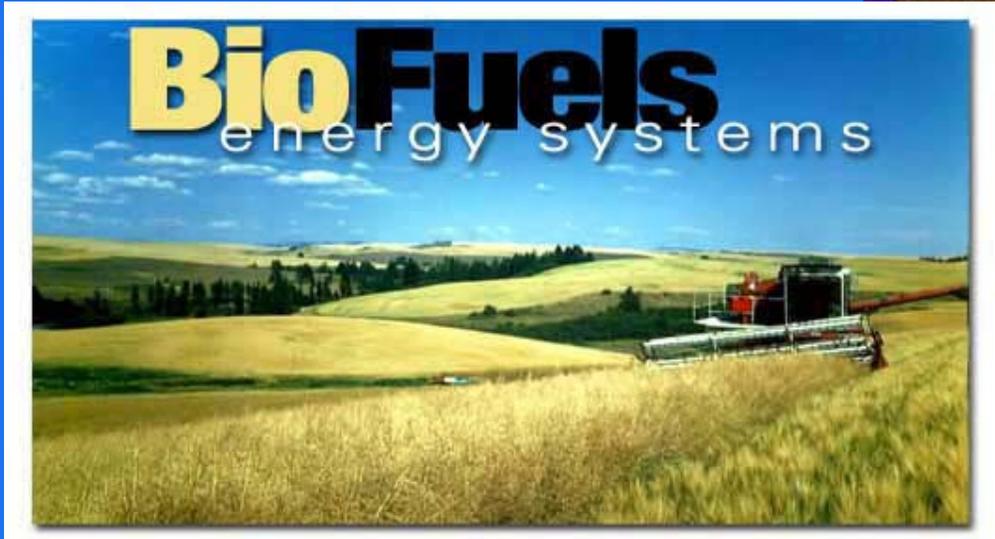


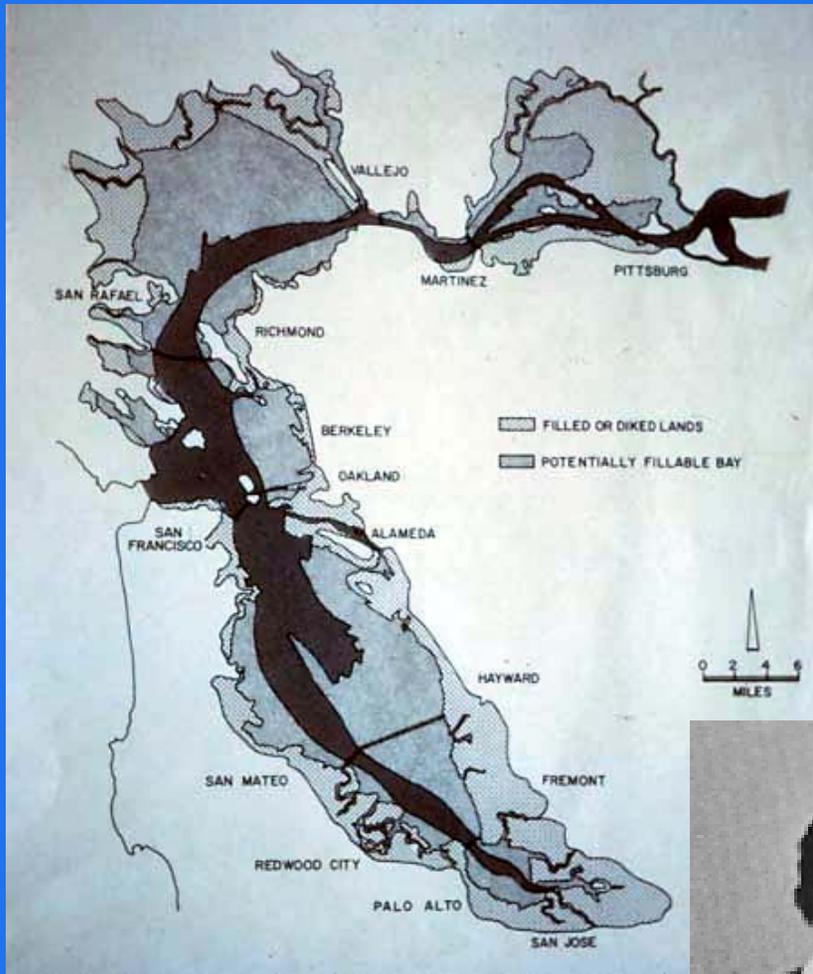




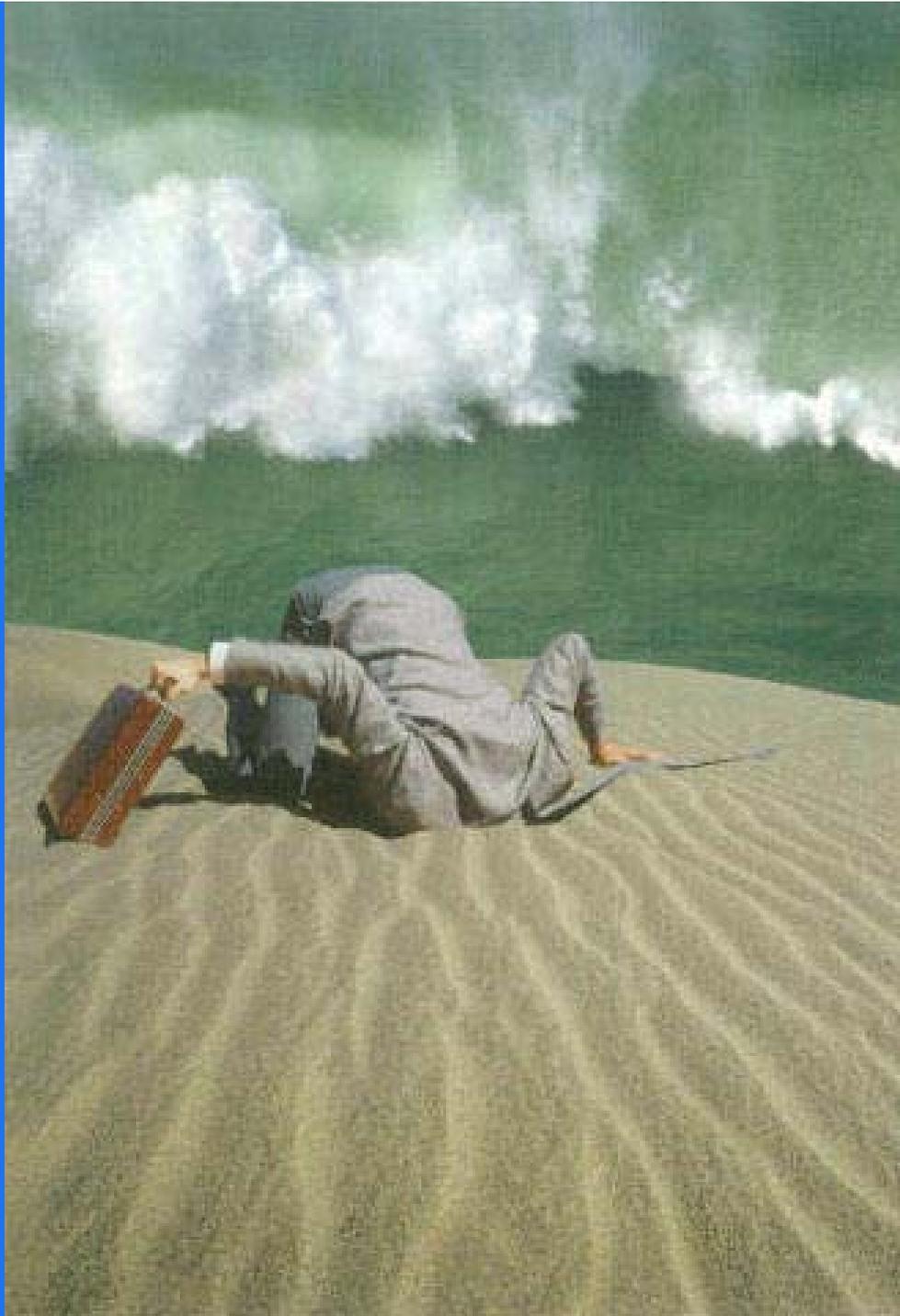


SILICON VALLEY

A vertical purple banner with the text "SILICON VALLEY" written in white, oriented vertically from top to bottom.











The world we have created today, as a result of our thinking thus far, has problems that cannot be solved by thinking the way we thought when we created them.

--Albert Einstein

**SAN FRANCISCO BAY
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Making San Francisco Bay Better