

Antioch Climate Action and Resilience Plan



Climate Action and Resilience Plan

Why CARP?

Importance of Resilience

- Preparation for crises and emergencies
- Holistic view of how systems work and how shocks affect us

CDBG Partnership

- HUD requirements – adaptation to climate change
- Funding for community resilience



Adaptation - Hazards

Rank	Hazard Type	Risk Rating Score (Probability x Impact)	Category
1	Earthquake ^b	48	High
2	Severe weather	30	Medium
3	Landslide ^e	27	Medium
4	Flood ^c	18	Medium
5	Drought	9	Low
6	Dam and levee failure ^a	6	Low
6	Wildfire ^f	6	Low
7	Sea level rise ^a	6	Low

How will these ratings change in the coming years?

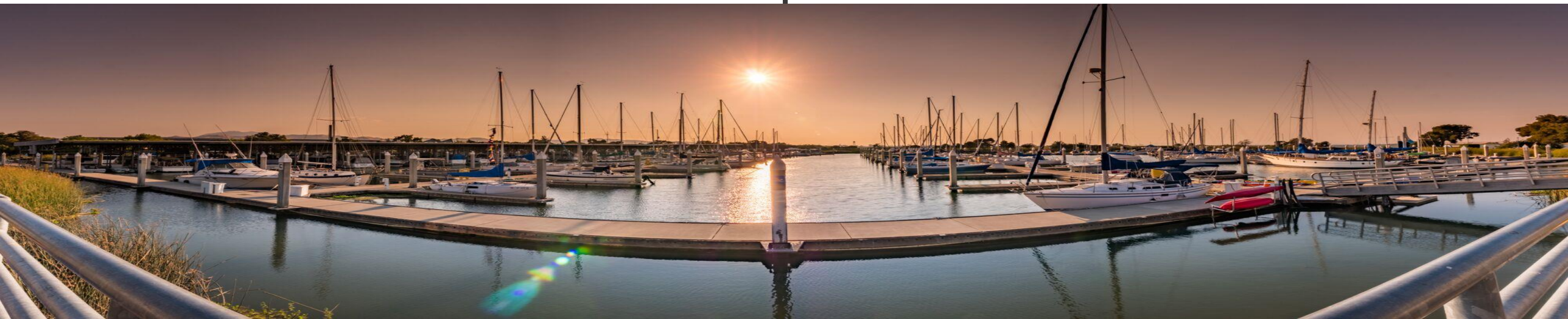
Climate Change in the Bay Area and Antioch

Local Effects

- Increase in flood risk along northern Antioch water bodies
- Higher energy and water consumption (especially in the summers)
- Worsening air quality due to wildfire and hotter days

Regional Effects

- Disruption of transportation, housing, and employment infrastructure
- Decline in consistency of agricultural yields
- Increasing pressure on electrical grid



Adaptation – Action Overview

Address Equity Concerns

- What populations are most vulnerable?
- What infrastructure is most vulnerable?

Co-benefits between actions

- Maximizing benefits
 - Health
 - Financial Security
 - Community Strength



Mitigation – Action Overview

Transportation

- ❖ Reduce commute times for workers and residents
- ❖ Increase commute options and convenience

Energy

- ❖ Reduce energy demand
- ❖ Increase energy efficiency



Community Development

Local Economy:

- Workforce development
- Develop local hire practices

Community Engagement:

- Community hazard awareness
- Engagement with Antioch schools
- City of Antioch community liaison





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ANTIOCH
CALIFORNIA

Questions?