



MAINSTREAMING CLIMATE ADAPTATION PLANNING

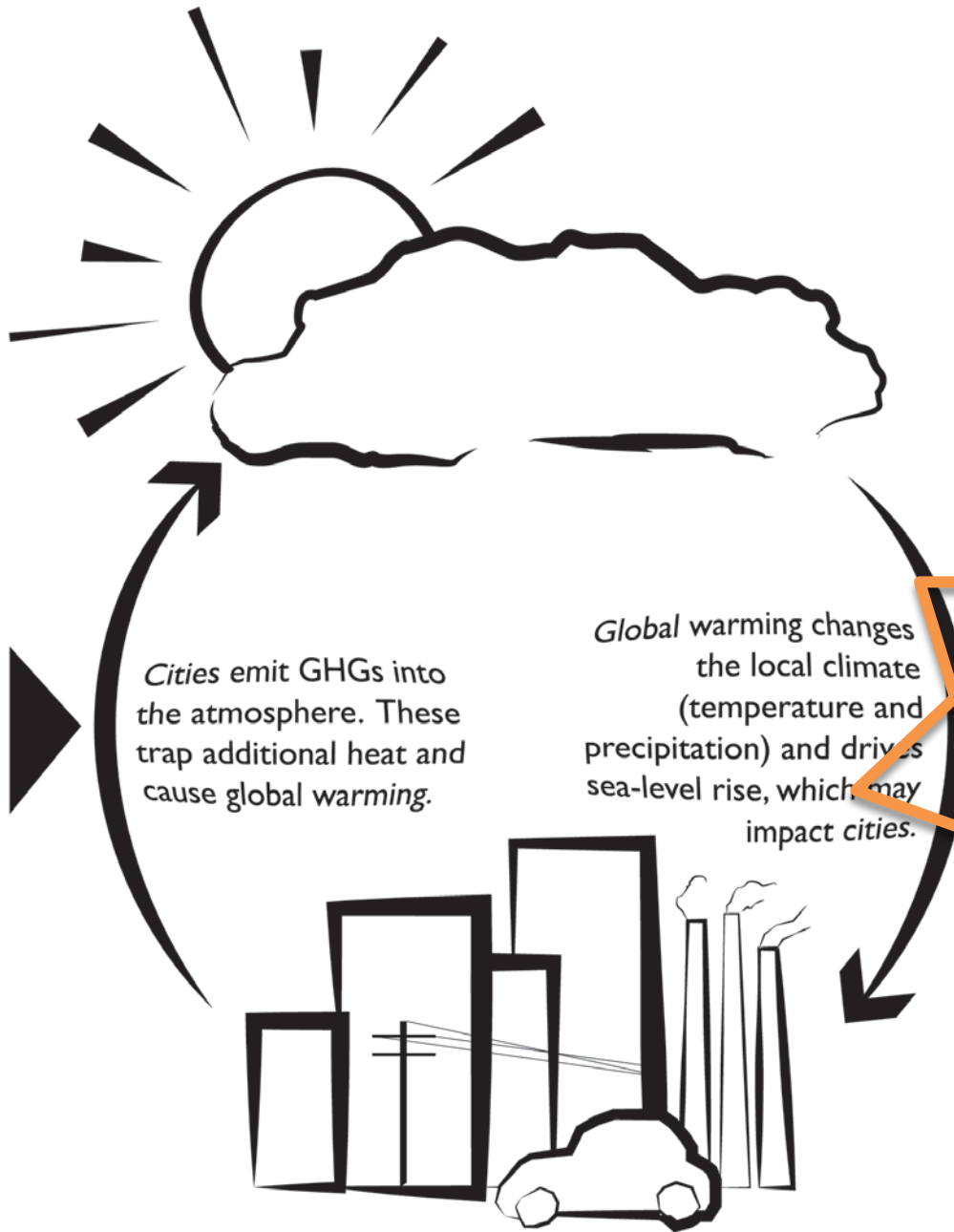
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Climate change **mitigation** seeks to reduce the amount of GHG emissions from cities to slow global warming.

Cities emit GHGs into the atmosphere. These trap additional heat and cause global warming.

Global warming changes the local climate (temperature and precipitation) and drives sea-level rise, which may impact cities.

Climate change **adaptation** seeks to address the impacts of climate change on cities.



Adaptation & Local Jurisdictions

Keys to Success

- Political leadership
- Collaboration
- Triggering events
- Dedicated funding and staff
- Communicate co-benefits
- Interdepartmental team
- Stakeholder engagement
- Institutionalization

Barriers

- Inadequate data
- Reluctant decision makers
- Long time horizons
- Resource constraints
- Regulatory barriers
- Lack of peer examples



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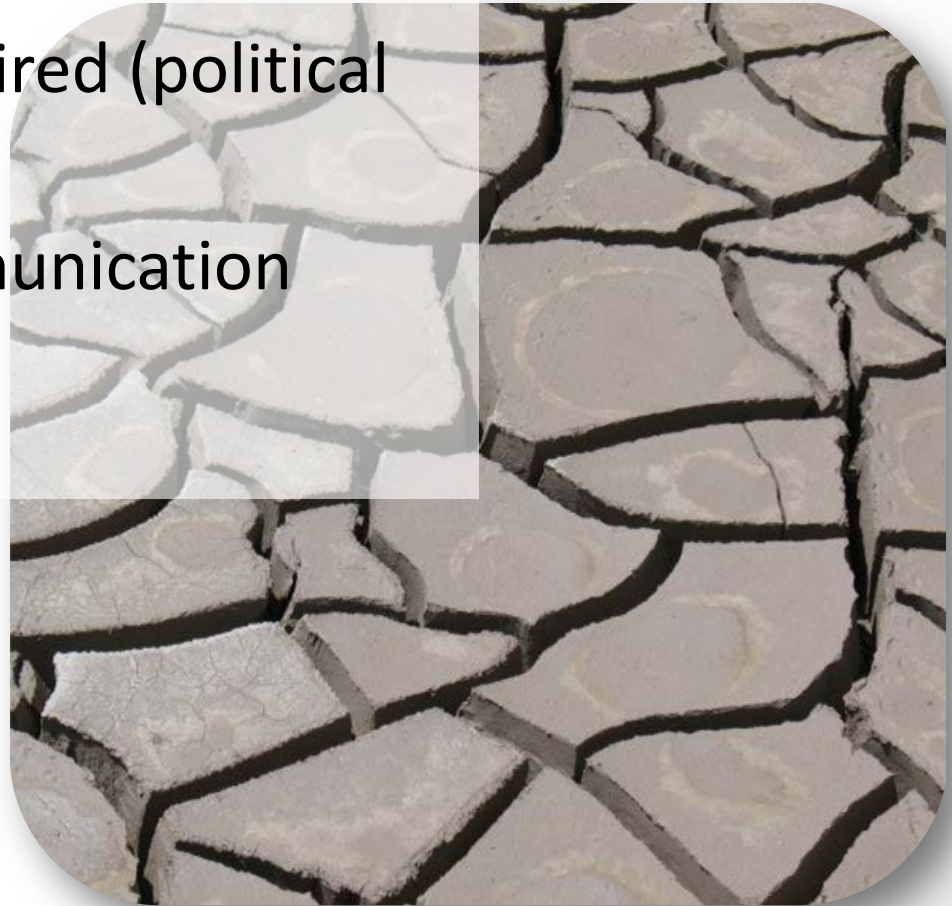
A satellite-style map of the San Francisco Bay Area. The map shows the bay, surrounding land, and major cities. Several areas are highlighted with red and yellow colors, indicating the regions of various organizations. Labels on the map include 'See reverse for chart' at the top, 'San Francisco Co.', 'Contra Costa Co.', 'Alameda', 'Santa Clara Co.', 'San Mateo Co.', 'San Francisco Int'l', 'Oakland Int'l', and 'San Francisco Int'l'.

Regional Organizations

- Three common themes
 - More science
 - More justification for pursuing adaptation
 - More regional collaboration

Case Lessons

- Known impacts (6/7)
- State action was desired (political shelter) (4/7)
- Justification & communication concerns (5/7)



Thank You

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