



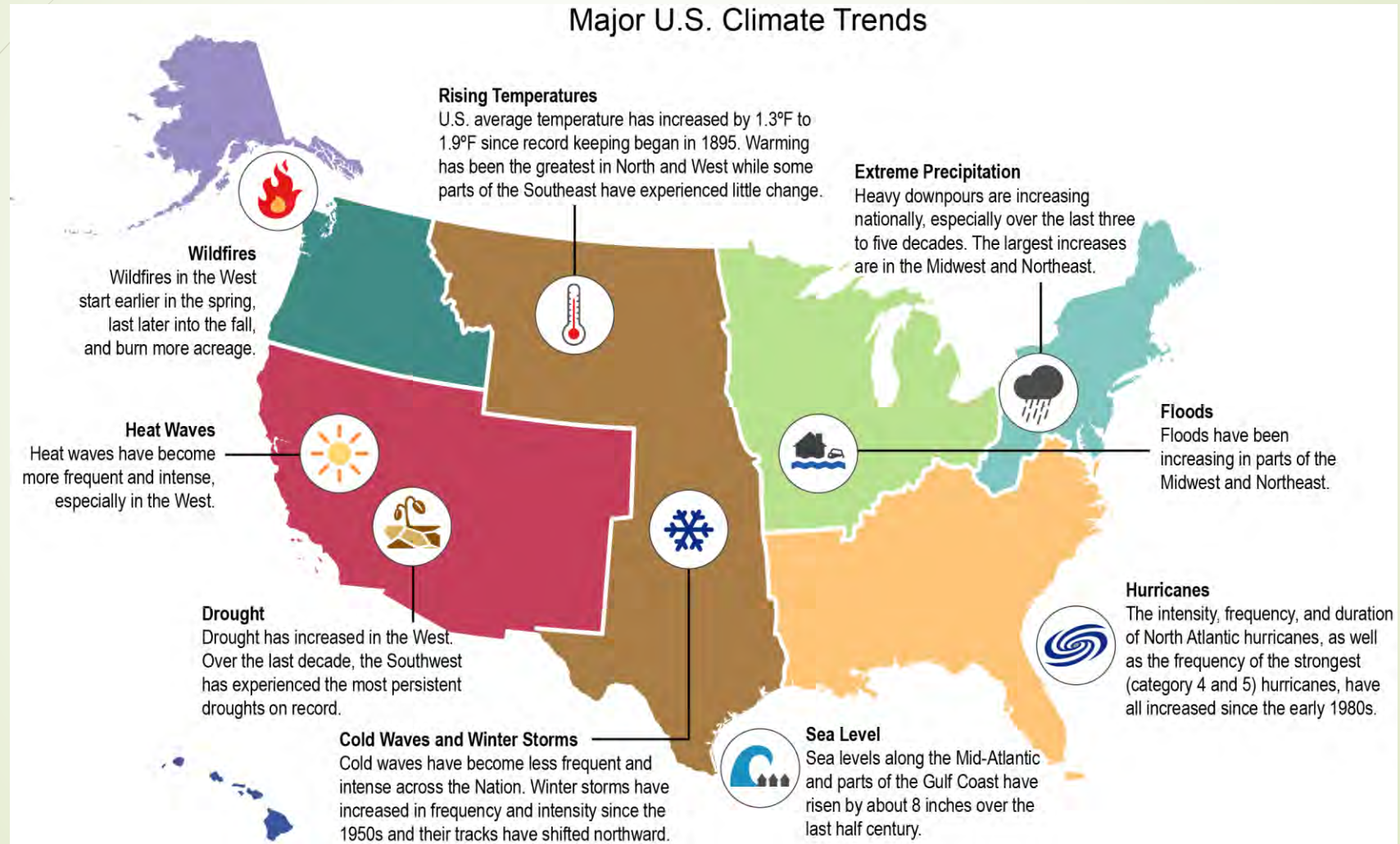
# Central Coast Climate Collaborative



Larry Allen

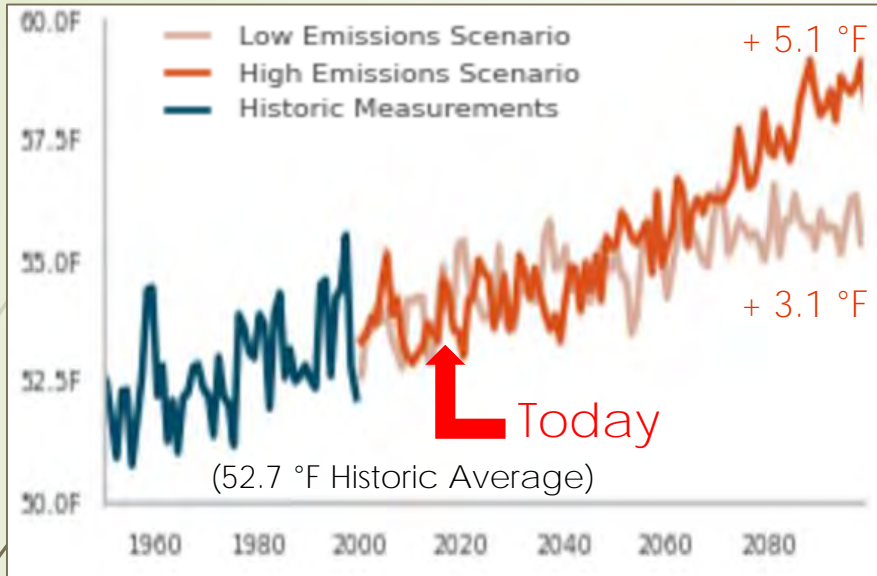
San Luis Obispo County Air Pollution Control District

# Climate Impacts Nationally and in California

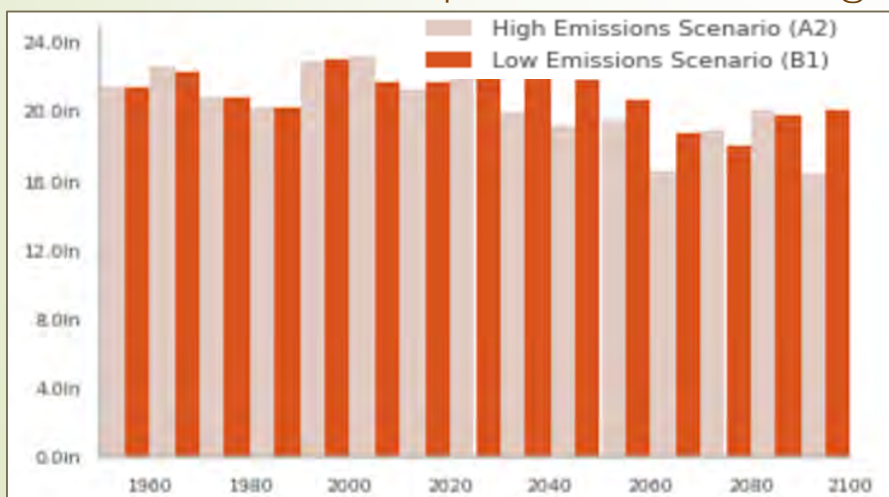


# Vulnerability Assessments

## Increased Average Temperature



## Drier Conditions Expected on Average

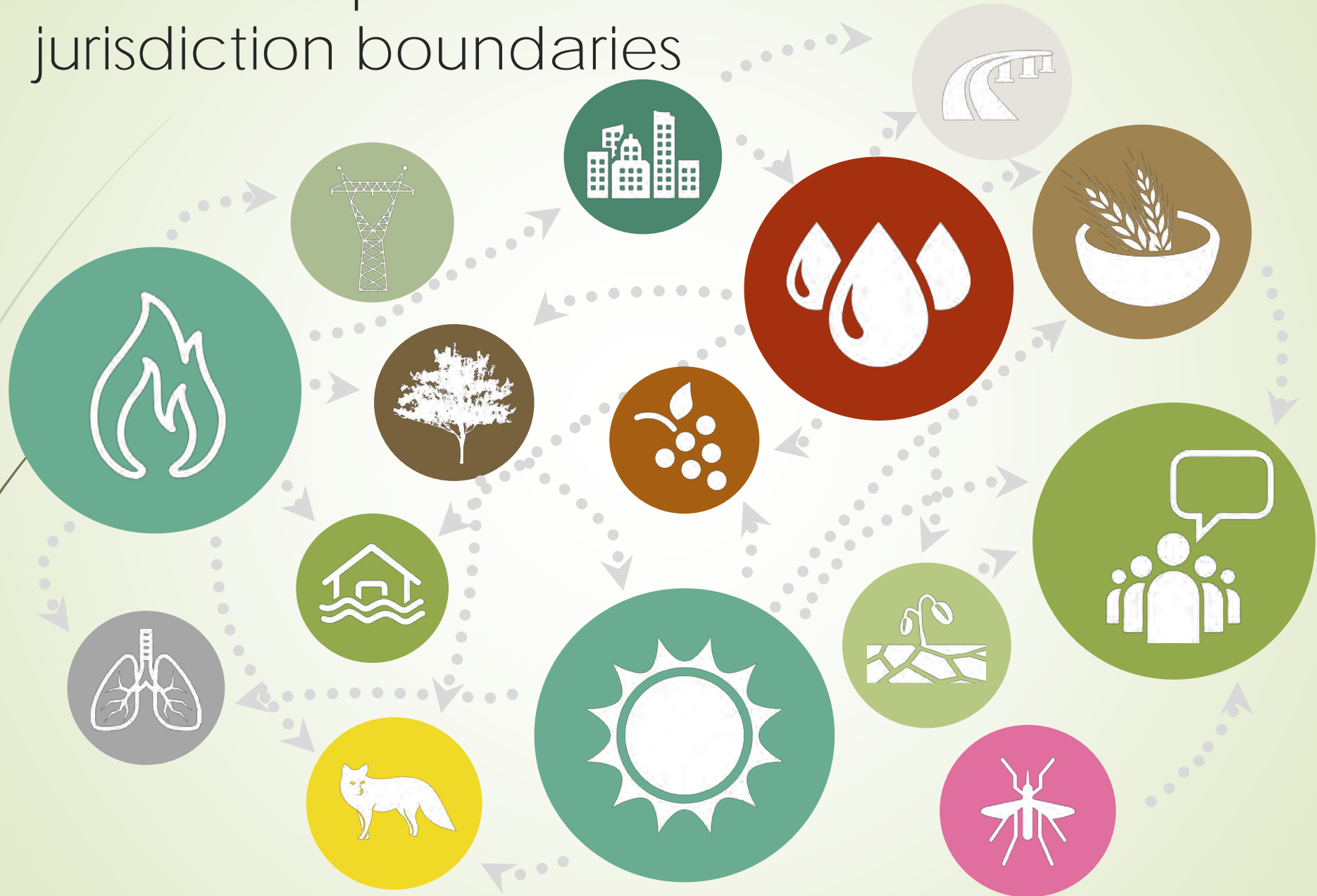


## Increased Coastal Flooding



YEAR	SEA LEVEL RISE (Low-High Projection)
2030	5 inch – 1ft
2050	22 inch – 2 ft
2100	2.75 ft – 5.5 ft

# Climate impacts cross sector and jurisdiction boundaries





# Climate Resilience and Adaptation

California recognizes interconnections and has taken action to protect its economy, public health, infrastructure and natural systems that may be impacted by climate change

- ▶ Several laws adopted in CA in last few years requiring resilience and adaptation planning:
  - ▶ SB 246 – establishes Integrated Climate Adaptation & Resiliency Program
  - ▶ SB 379 – requires all hazard mitigation plan updates to include vulnerability assessments, identify top climate risks, and adopt resiliency and adaptation strategies
  - ▶ AB 1482 – requires update of State Adaptation Plan every 3 years
- ▶ EPA and FEMA also promoting adaptation planning at national, state & local level



# California Climate Collaboratives

Cities, counties and other entities statewide have now joined regional climate collaboratives to address climate mitigation, adaptation and resiliency

- ▶ Primary purpose to share resources, knowledge, expertise and information and work on common projects for mutual benefit
- ▶ Currently 5 Regional Climate Collaboratives in California
  - ▶ Bay Area Regional Collaborative (BARC)
  - ▶ Capital Region Climate Readiness Collaborative
  - ▶ Los Angeles Regional Collaborative for Climate Action and Sustainability (LARC)
  - ▶ San Diego Regional Climate Collaborative
  - ▶ Sierra Climate Adaptation and Mitigation Partnership (Sierra CAMP)
- ▶ Central Coast Climate Collaborative has now formed

# ARCCA

Alliance of Regional Collaboratives for Climate Adaptation



ARCCA is a network of regional collaboratives in California coordinating and supporting climate adaptation efforts to enhance public health, protect natural systems, build economies, and improve quality of life.

**ARCCA encompasses over 80% of the state's population**

# Central Coast Climate Collaborative

- ▶ First scoping meeting two years ago at CalPoly Climate Summit to determine interest and needs
- ▶ Now includes Ventura, Santa Barbara, San Luis Obispo, Monterey, Santa Cruz and San Benito counties
- ▶ Involves representatives from local and regional government, business and agriculture, academia, and diverse community groups
- ▶ Formed under umbrella of CalPoly Corporation Resilient Communities Research Institute to act as fiscal agent and provide admin support
- ▶ Have developed mission statement, goals and initial list of potential projects for joint development
- ▶ Organizational structure developed and by-laws adopted







# Central Coast Climate Collaborative: Mission

The Central Coast Climate Collaborative is a membership organization fostering a network of local and regional community leaders throughout six Central Coast counties to address climate change mitigation and adaptation. The Collaborative involves representatives from local and regional government, business and agriculture, academia, and diverse community groups to share information and best practices, leverage efforts and resources and identify critical issues and needs. The Collaborative will engage communities throughout the region to help ensure a resilient and low-carbon Central Coast prepared for the impacts of climate change. The Collaborative will engage with other collaboratives throughout the state.



# Central Coast Climate Collaborative: Goals

- ▶ Identify opportunities for regional action and serve as a clearinghouse for information and innovative solutions.
- ▶ Coordinate grants development and funding for regional and local plans and projects.
- ▶ Provide a voice to communicate a consistent message about the importance of resilient, low-carbon communities. Provide a voice at the state and federal level for issues specific to the Central Coast.
- ▶ Inform and empower organizations, communities, leaders and public officials to take action.
- ▶ Educate the next generation of climate professionals and identify research needs for the region's universities.



# Central Coast Climate Collaborative: Current Members

## **PARTICIPATING ORGANIZATIONS**

Alliance of Regional Collaborates for Climate Adaptation  
Association of Monterey Bay Area Governments  
Beach Erosion Authority for Clean Oceans and Nourishment  
Cachuma Resource Conservation District  
Cal Poly State University  
California Office of Planning & Research  
CalTrans

City of Arroyo Grande  
City of Capitola  
City of Carmel-by-the-Sea  
City of Monterey  
City of San Luis Obispo  
City of Santa Cruz  
Coastal Resource Conservation District  
Community Environmental Council  
Environmental Center of San Luis Obispo  
Local Government Commission

Monterey Bay Air Resources District  
Monterey County  
Romero Institute  
San Luis Obispo County  
San Luis Obispo County Air Pollution Control District  
San Luis Obispo County Public Health  
Santa Barbara County  
Santa Barbara County Air Pollution Control District  
Santa Barbara County Public Health

Santa Ynez Band of Chumash  
Sierra Club - Santa Lucia Chapter  
State Coastal Conservancy  
The Nature Conservancy  
The Offset Project  
Ventura County  
Ventura County Air Pollution Control District  
Ventura River Watershed Council



# Central Coast Climate Collaborative: Potential Projects

- ▶ Regional Sea Level Rise
  - ▶ Regional & local vulnerability assessments and modeling
  - ▶ Strategy development
- ▶ Drought/Water Issues
  - ▶ Vulnerability assessments regionally and locally
  - ▶ Identify existing plans & strategies at member agencies and available data
- ▶ Sustainable Energy
  - ▶ Vulnerability assessments for existing energy infrastructure
  - ▶ Identify alternatives and best practices for sustainability





# EPA/FEMA Technical Assistance Grant

## Goals of EPA/FEMA Technical Assistance Program

- ▶ To help California regions create clear, actionable plans for building resilience to natural disasters
- ▶ Build capacity among participating government agencies, nonprofit organizations, and community stakeholders to increase disaster resilience

## Goals for 4Cs Participation:

- ▶ Assembling a standardized best practice/process tool kit for agencies to streamline preparation of LHMP/Adaptation Plan/General Plan updates;
- ▶ Leveraging regional dollars aimed at resilience; and
- ▶ Developing next steps regarding monitoring and implementation.



# Today's Program

- ▶ Panels on 4 major Adaptation and Resilience Issues
- ▶ Wide range of discussion issues around local projects and regional collaborations.





QUESTIONS?