



State of California Governor's Office of Planning and Research



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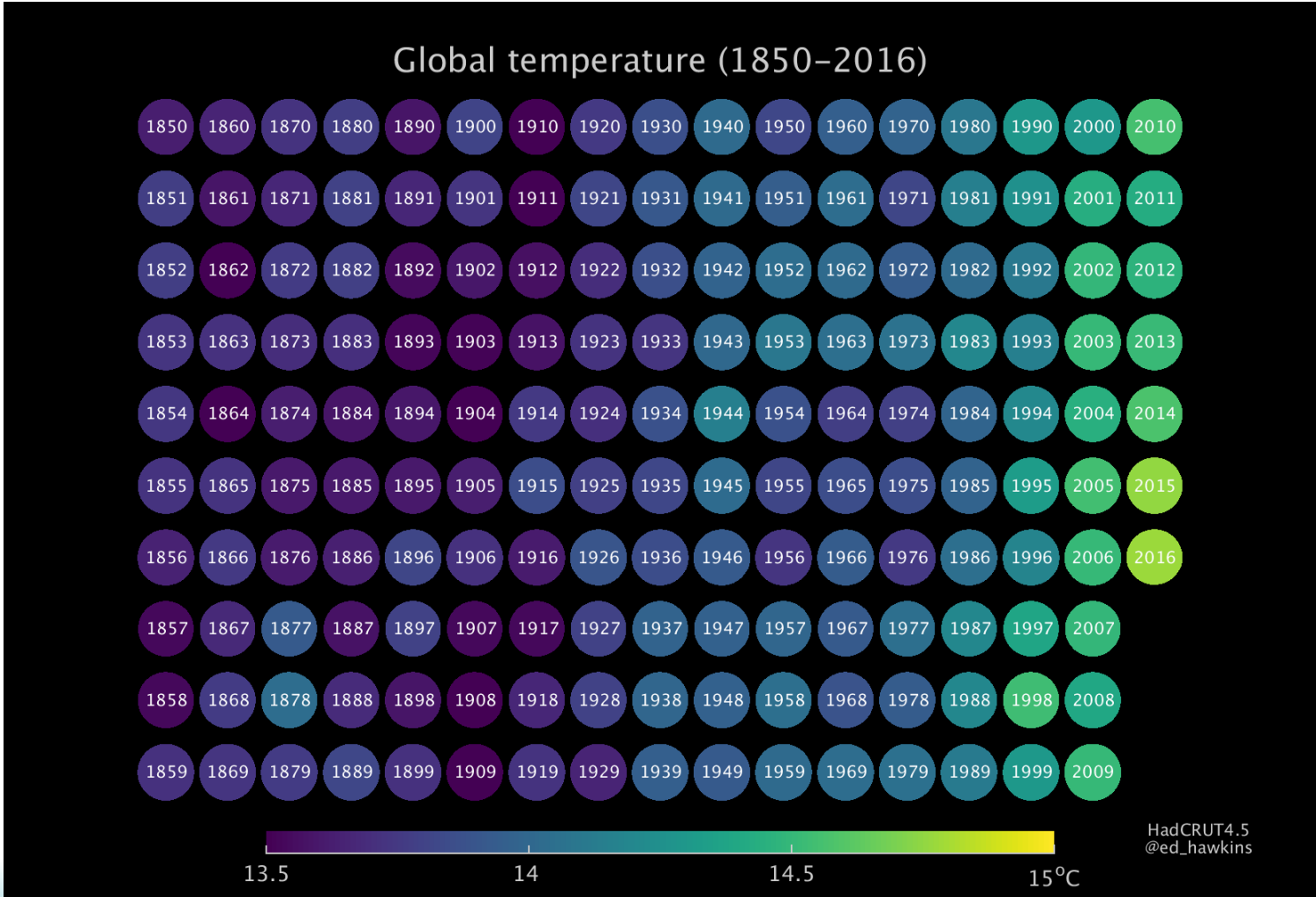
Office of Planning and Research

- State Land Use Policy
- CEQA Guidelines
- General Plan Guidelines
- Military Liaison
- Technical Advisories
- Interagency Coordination
- Executive Initiatives
- Within OPR:
 - Strategic Growth Council
 - Integrated Climate Adaptation and Resiliency Program





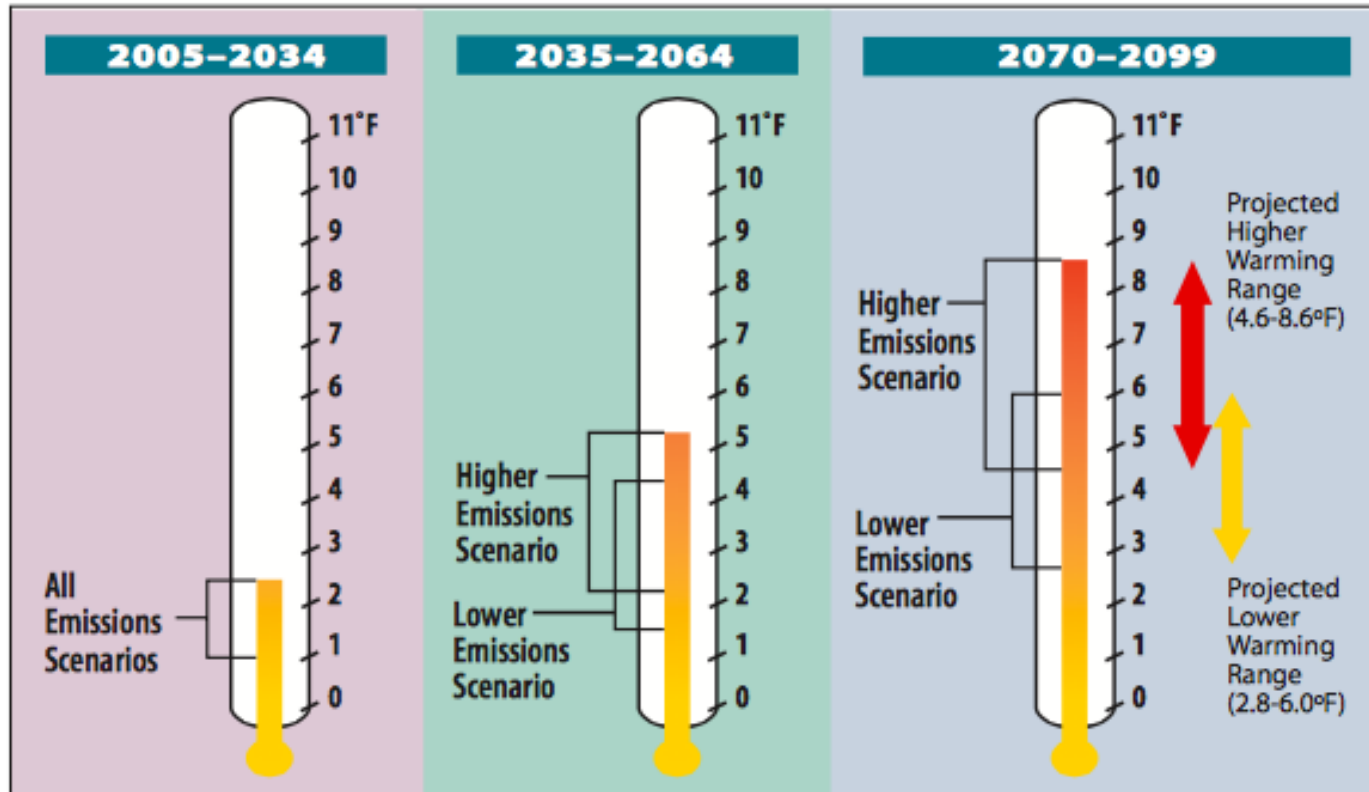
Climate Change is Now





Preparing for a Changing Climate

Projected Average Temperatures in California



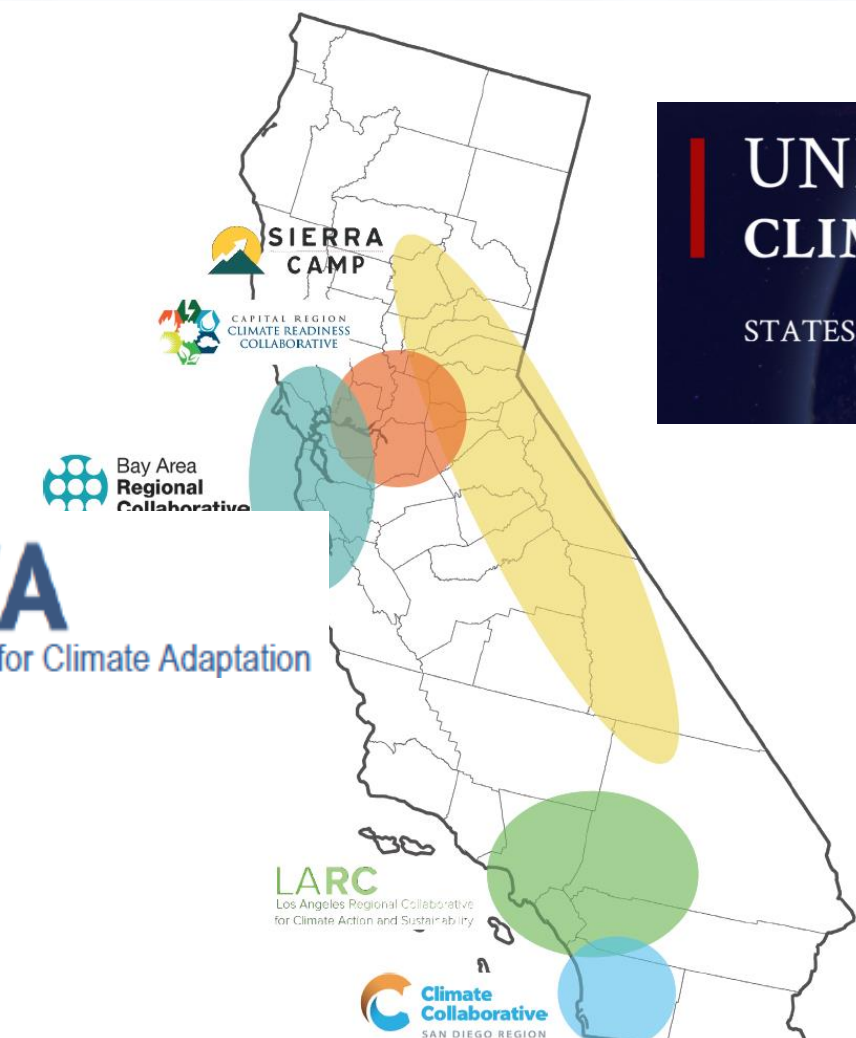
California is expected to experience dramatically warmer temperatures during this century. The figure shows projected increases in statewide annual temperatures for three 30-year periods. Ranges for each emissions scenario represent results from state-of-the-art climate models.



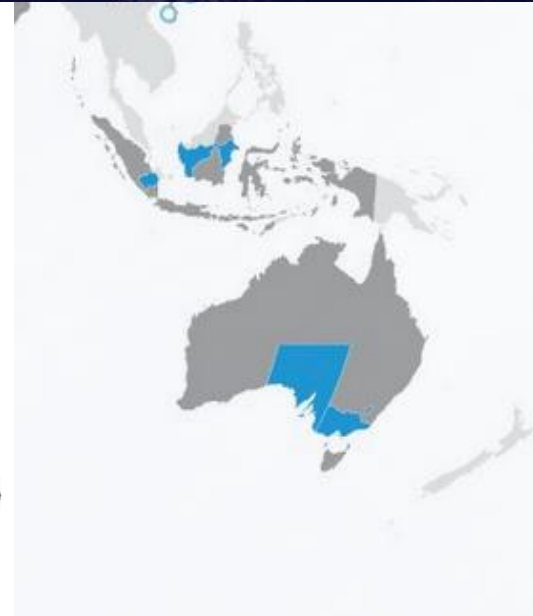
IMPACTS *CA Extremes and Contrasts*



THE UNDER2 COALITION



**UNITED STATES
CLIMATE ALLIANCE**
STATES UNITED FOR CLIMATE ACTION



ARCCA

Alliance of Regional Collaboratives for Climate Adaptation

- City signatory
- Endorser
- Signatory

WE ARE STILL IN



CALIFORNIA'S CLIMATE CHANGE POLICY

Reducing Emissions



First Update to the
Climate Change Scoping Plan

BUILDING ON THE FRAMEWORK
PURSUANT TO AB 32
THE CALIFORNIA GLOBAL WARMING
SOLUTIONS ACT OF 2006



Preparing for Impacts

Natural Resources Agency
**Safeguarding California:
Reducing Climate Risk**
An update to the 2009 California Climate
Adaptation Strategy

July 2014

Research



**Climate Change
Research Plan for
California**





Six Goals - "Pillars" Executive Order B-30-15

Vision

Reducing Greenhouse Gas Emissions to 40% Below 1990 levels by 2030

Goals

Governor's Key Climate Change Strategies



Increase Renewable Electricity Production to 50%



Reduce Petroleum Use by 50% in Vehicles



Double Energy Efficiency Savings at Existing Buildings



Reduce GHG Emissions from Natural and Working Lands



Reduce Short-Lived Climate Pollutants



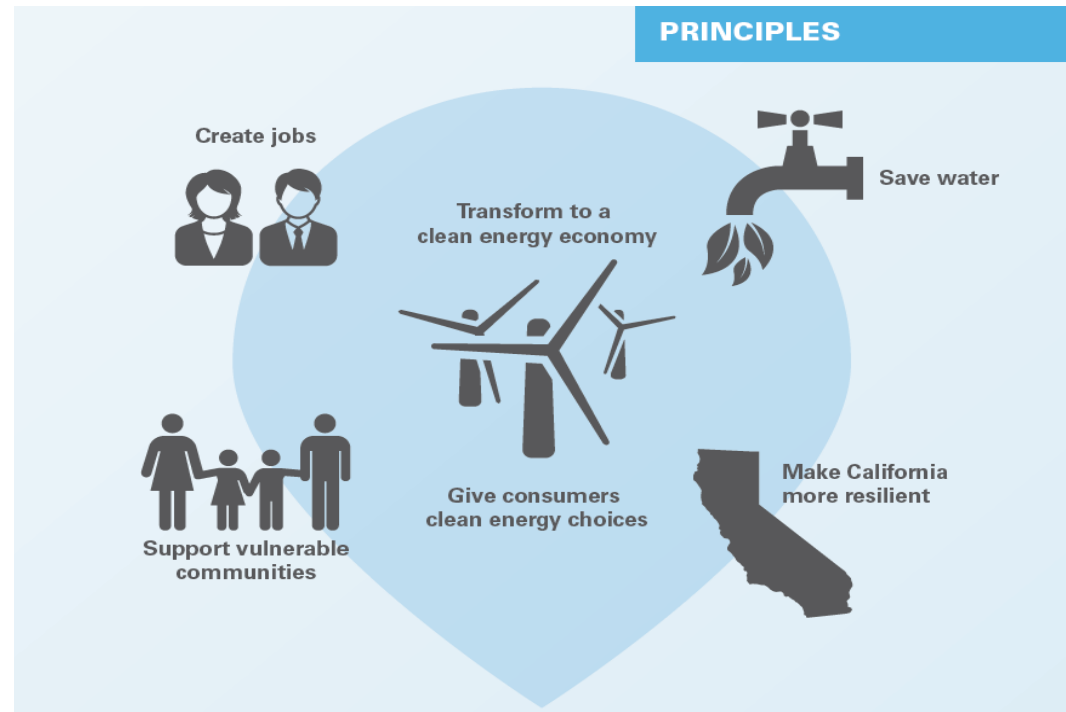
Safeguard California





What Does it Mean?

- **Support Compact and Infill Development for Healthy and Equitable Communities**
- **Build a Resilient and Sustainable Water System**
- **Steward and Protect Natural and Working Landscapes**
- **Incorporate Climate Adaptation into all Planning and Investment**
- **Lead by Example = Create Proof of Concept**





Adaptation Resources



The Governor's Office of
Planning & Research

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[LAND USE](#)

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[LOCAL GOVT.](#)

[WATER](#)

Integrated Climate Adaptation and Resiliency Program

Governor Brown signed Senate Bill 246 (Wieckowski, PRC 71354) in 2015, which directs OPR to form the Integrated Climate Adaptation and Resilience Program. The Program is designed to develop a cohesive and coordinated response to the impacts of climate change across the state. Through its activities, the Program will develop holistic strategies to coordinate climate activities at the state, regional and local levels, while advancing social equity.

The Program has two components:

- The [State Adaptation Clearinghouse](#): A centralized source of information and resources to assist decision makers at the state, regional, and local levels when planning for and implementing climate adaptation projects to promote resiliency across California.
- The [Technical Advisory Council \(TAC\)](#): The Council brings together local government, practitioners, scientists, and community leaders to help coordinate activities that better prepare California for the impacts of a changing climate. (TAC members bring expertise in the intersection of climate change and the sector-based areas outlined in SB 246 PRC 71358(b).) The TAC supports OPR in its goal to facilitate coordination among state, regional and local adaptation and resiliency efforts, with a focus on opportunities to support local implementation actions that improve the quality of life for present and future generations.

The Program will engage ongoing State-led climate activities, including the [Climate Action Team](#) and [Safeguarding California](#), to achieve its goals.

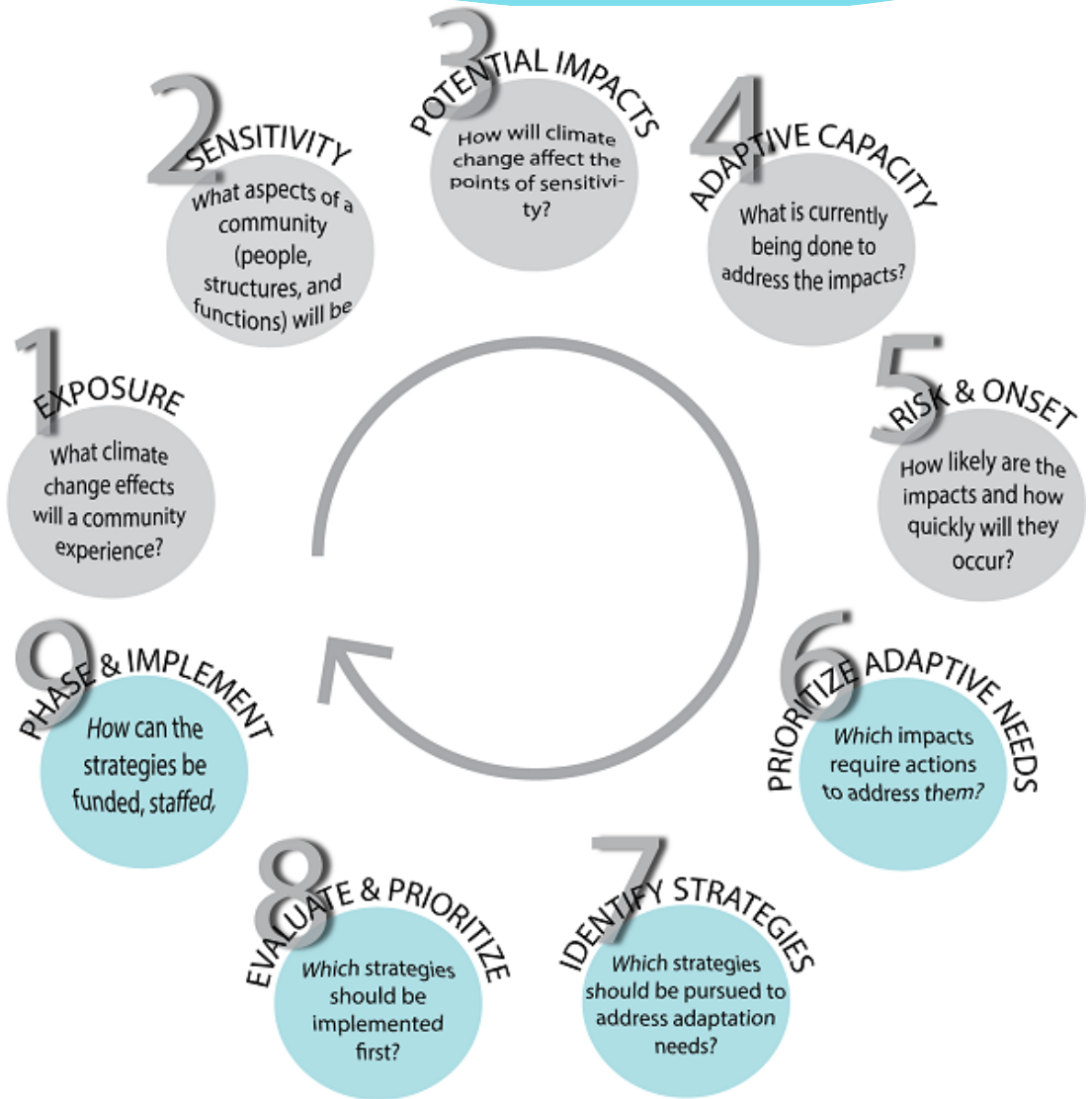
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CALIFORNIA ADAPTATION PLANNING GUIDE



PLANNING FOR ADAPTIVE COMMUNITIES





Curated Topical Data

beta.cal-adapt.org



Search

Under2 Coalition | Under 2 MOU



cal-adapt

Exploring California's Climate Change Research

Cal-Adapt provides a view of how climate change might affect California. Here you will find tools, climate data, and resources to conduct research, develop adaptation plans and build applications.

Subscribe to the Cal-Adapt Newsletter

Climate Tools

Explore projected changes in temperature,

Download Data

Download high resolution downscaled daily

Find Resources

Search State of California's Research



CoolCalifornia.org

CoolCalifornia.org

Reduce Carbon Footprint For...

Progress & Success

Find Funding & Resources

Info

Each household and individual in California has the power to protect the climate. Learn what others have done and what you can do to keep California cool.

CARBON CALCULATOR



Each household and individual in California has the power to protect the climate and keep California cool. Calculate your carbon footprint to see how you compare to similar households and to find out how to make reductions.

Carbon Footprint Tips

- ▶ What is Eco-Driving?
- ▶ Travel Actions
- ▶ Shop and Gift Green
- ▶ Reduce Waste
- ▶ Green Your Menu
- ▶ Energy Actions
- ▶ Cool Roofs

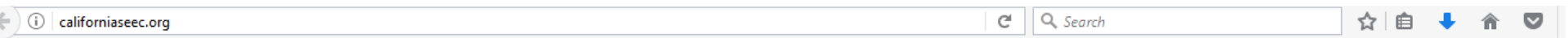


Searchable database full of funding opportunities for sustainable projects

Success Stories



State Energy Efficiency Collaborative (SEEC)



About SEEC

Events & Trainings

Resources

SEEC ClearPath

Beacon Program



Supporting California Local Governments

SEEC provides no-cost resources to support the energy and climate initiatives of California Local Governments

[Learn More](#)

[Sign Up](#)

Latest News and Updates

Creating a Carbon Fund Webinar Resources

Resources: Webinar recording: <https://youtu.be/u5hdss2jC9I>

2019 Building Energy Efficiency Standards

California's Building Energy Efficiency Standards are updated on an

Rising Seas in California: An Update on Sea-Level Rise Science [2017]

This document was produced by a Working Group of the California Ocean

CoolCalifornia Climate Action Resource Guide

This page contains tools and resources necessary for conducting a greenhouse



Policy Resources Available

CA.GOV CALIFORNIA CLIMATE CHANGE

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CAT HOME
MEMBERS
WORKING GROUPS
REPORTS

Public Health Working Group for the Climate Action Team

Purpose

The Public Health Working Group's task is to address cross-cutting issues related to climate change and health. The Working Group is responsible for providing public health input into the AB 32 implementation process, as well as other public health issues related to climate change mitigation and adaptation.

STATE OF CALIFORNIA **General Plan Guidelines** 2017

GOVERNOR'S OFFICE OF PLANNING AND RESEARCH

October 2013

Preparing California for Extreme Heat: Guidance and Recommendations

Matthew Rodriguez
Secretary for Environmental Protection

Edmund G. Brown Jr.
Governor

Ron Chapman, MD, MPH
California Department of Public Health

Climate Action for Health: Integrating Public Health into Climate Action Planning

February 2012

California Department of Public Health

ENERGY AWARE PLANNING GUIDE

COMMISSION REPORT

CALIFORNIA ENERGY COMMISSION
Edmund G. Brown Jr., Governor

FEBRUARY 2011
CEC-02-009-010



The field continues to evolve...

New resources continue to be developed...

Local and regional leadership inform State policy and programs...

Your engagement in collaboratives and policy initiatives is critical.

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