



California's Climate Change Goals



Louise Bedsworth, PhD
Governor's Office of Planning
and Research



May 15, 2015

California's Comprehensive Climate Policy

Reducing Emissions

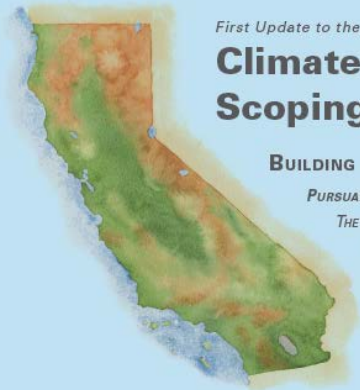
May 2014



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

February 2015



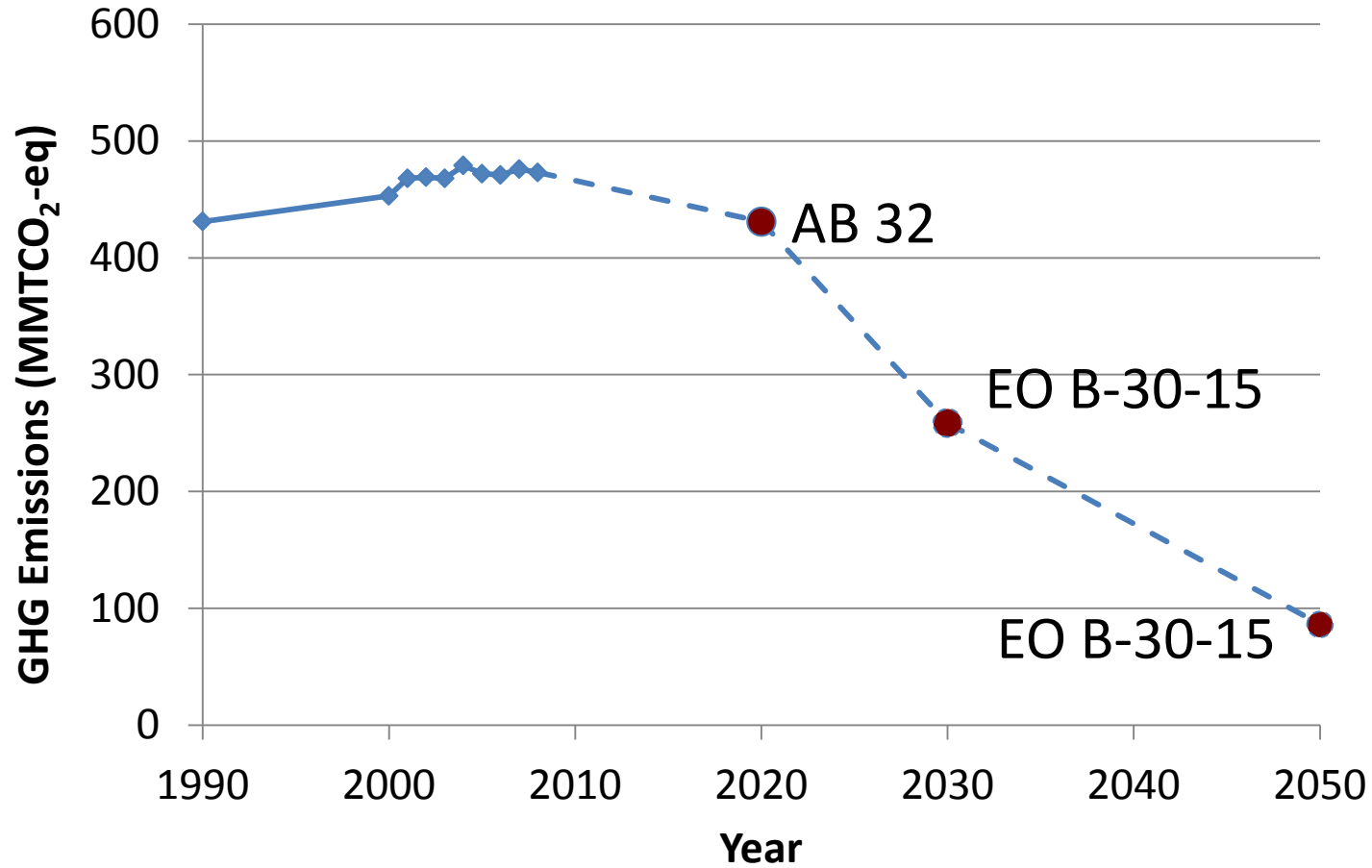
Climate Change Research Plan for California



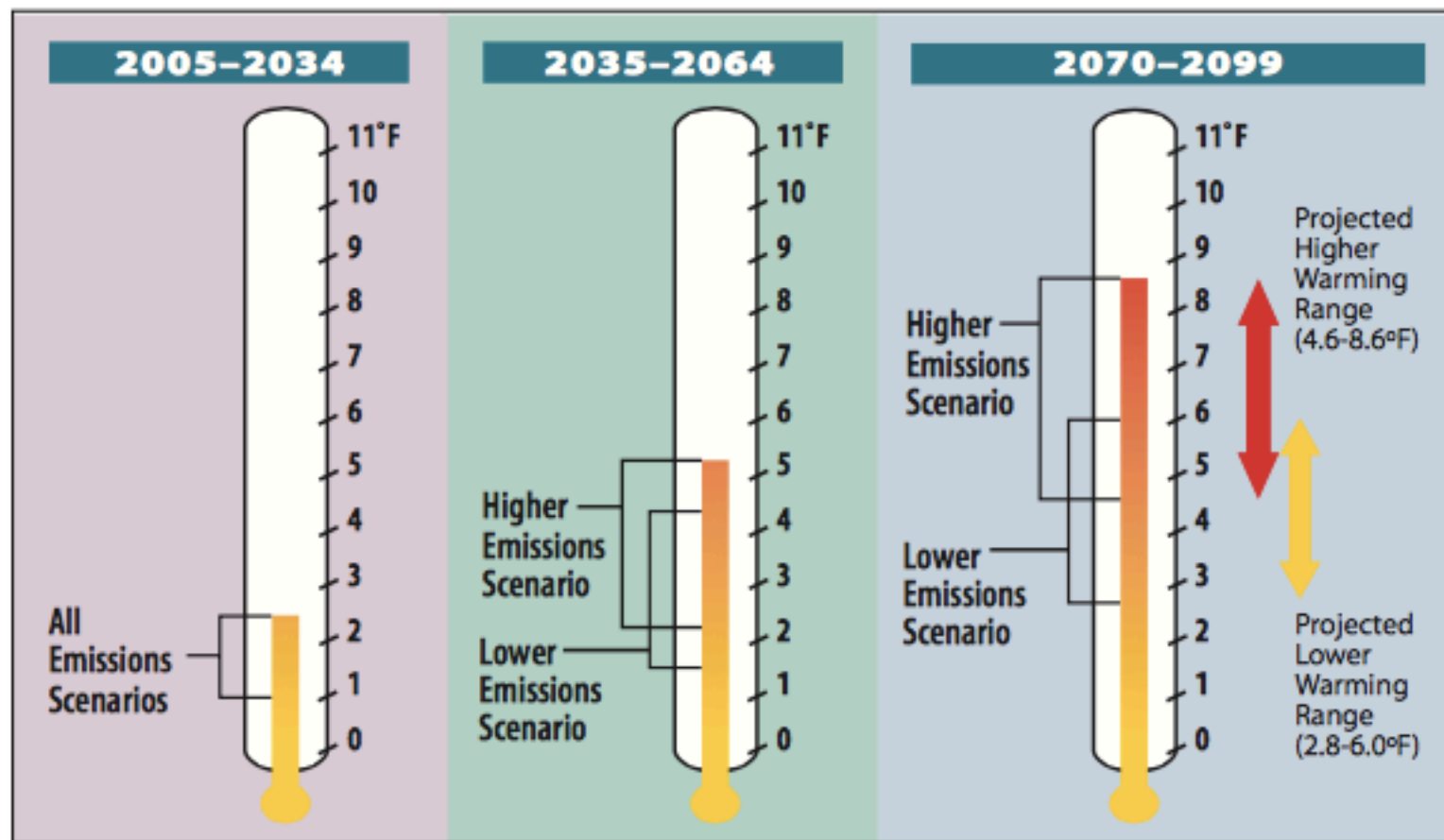
Executive Order B-30-15

- Establishes 2030 GHG emission reduction target
- Lays out comprehensive steps for adaptation and resilience:
 - Safeguarding California: Update and tracking
 - Consider climate impacts in all state agency planning and investment
 - Consider current and future climate conditions in the State's 5-Year Infrastructure Plan
 - Form a technical advisory group to assist state agencies
- Reaffirms the State's commitment to investing in research

California's Climate Goals



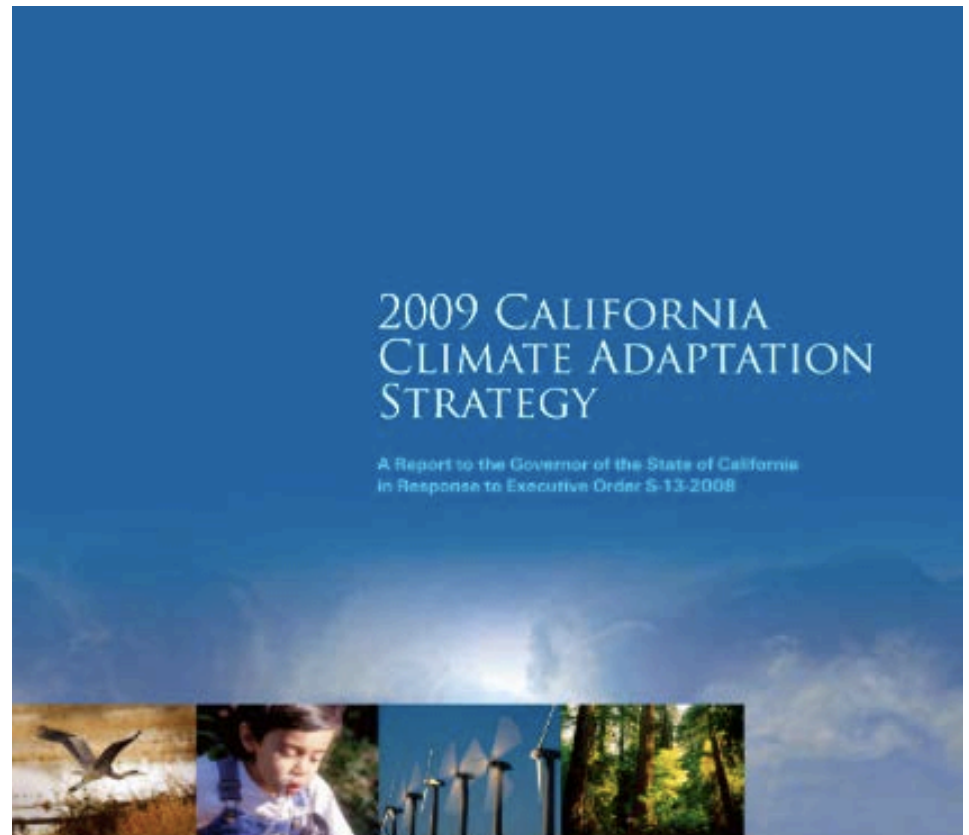
Projected Average Temperatures in California



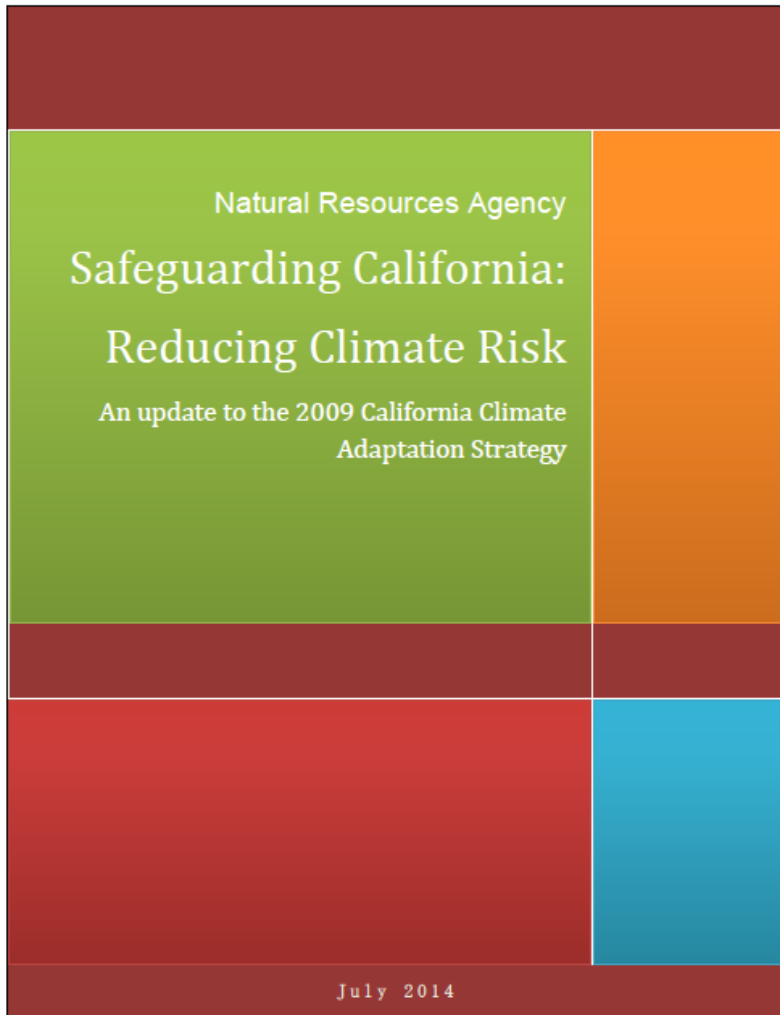
California is expected to experience dramatically warmer temperatures during this century. The figure shows projected increases in statewide annual temperatures for three 30-year periods. Ranges for each emissions scenario represent results from state-of-the-art climate models.

2009 Climate Adaptation Strategy

- First comprehensive, multi-sector plan in the country
- Built on the State's 2nd Climate Assessment
- Updated in 2014



2014: Safeguarding California



- Sectoral analysis
 - Public health
 - Biodiversity and habitat
 - Energy
 - Water
 - Transportation
 - Emergency management
 - Agriculture
 - Ocean and Coastal Management
 - Forestry

EO: Safeguarding California



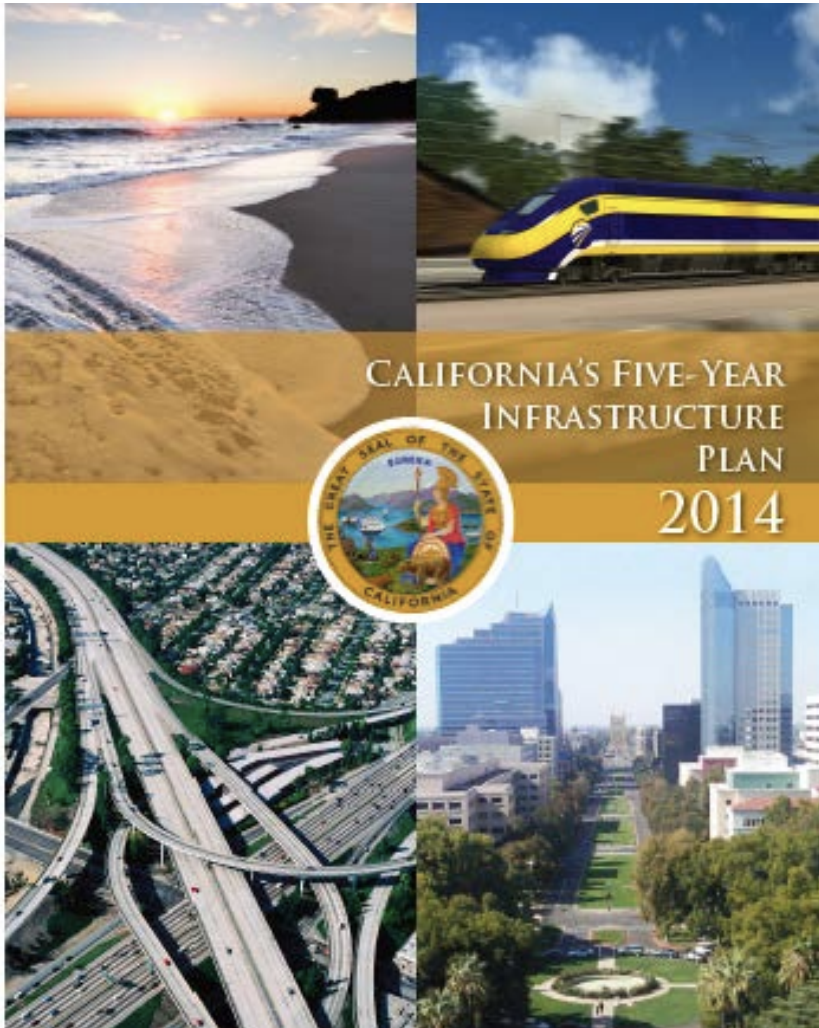
- Implementation plans developed by September 2016
- Plan updated every three years
- Identify vulnerabilities by sector *and* region
- Led by the CA Natural Resources Agency

Principles for Adaptation



- Priority for actions that reduce GHG emissions and build preparedness
- Flexible approaches
- Protect the most vulnerable
- Prioritize natural infrastructure solutions

5-Year Infrastructure Plan



- Consider present and future climate conditions
- Use full life cycle cost accounting
- Led by the Strategic Growth Council

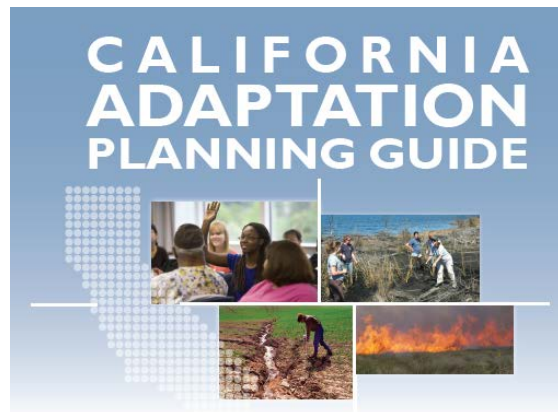
Technical Advisory Group

- Inclusive
- Transparent
- Iterative
- Responsive and forward-looking



Local and Regional Governments

ARCCA Alliance of Regional Collaboratives
for Climate Adaptation



PLANNING
FOR
ADAPTIVE
COMMUNITIES



STATE OF CALIFORNIA
**General Plan
Guidelines**

2003



GOVERNOR'S OFFICE OF PLANNING AND RESEARCH

