



# Governors's Office of Planning and Research

“OPR Update”

State Hazard Management Team

May 10, 2016



# Significant Initiatives

- Comprehensive state planning
- High level policy to local implementation
- Cross agency coordination/direction
- Local Technical Assistance/Capacity Building
- General Plan Guidelines Update
- CEQA Guidelines Update
- Drought, Fires, El Nino, etc
- EO-B-30-15 (TAG)
- SB246 (TAC), SB379, AB1482



# EGPR

- Environmental Goals and Policy Report
  - Draft released 11-20-2015
  - Plan for 50 million people in 2050
- Focus on infill, climate change, health and expanded explanation of state planning priorities:
  - Efficient growth
  - Urban/rural interface
  - Long term population changes



# Institutionalization

- EO S-03-05 – Targets for 2020 and 2050
- EO S-13-08 – Climate Adaptation
- EO B-30-15 – Integrated approach to climate
- Signed in 2015:
  - SB350 – New greenhouse gas emissions targets
  - AB1482 – Safeguarding California and related
  - SB379 – Local governments and climate risk
  - SB246 – OPR, ICARP and Clearinghouse



# Six Goals "Pillars"

## EO 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



### Popular Links

- ◊ [About AB 32](#)
- ◊ [AB 32 Scoping Plan](#)
- ◊ [Adaptation](#)
- ◊ [Cal-Adapt](#)
- ◊ [Climate Change Programs](#)
- ◊ [California Adaptation Forum](#)
- ◊ [Climate Action Team Research](#)
- ◊ [California Climate Assessments](#)
- ◊ [Cap and Trade](#)
- ◊ [Greenhouse Gas Emissions Inventory](#)



### Focus on International

- ◊ [Intergovernmental Collaboration](#)
- ◊ [Under2MOU](#)
- ◊ [Climate Change Conference of the Parties – COP 21](#)
- ◊ [Intergovernmental Panel on Climate Change](#)
- ◊ [International ZEV Alliance](#)
- ◊ [California Climate Action](#)

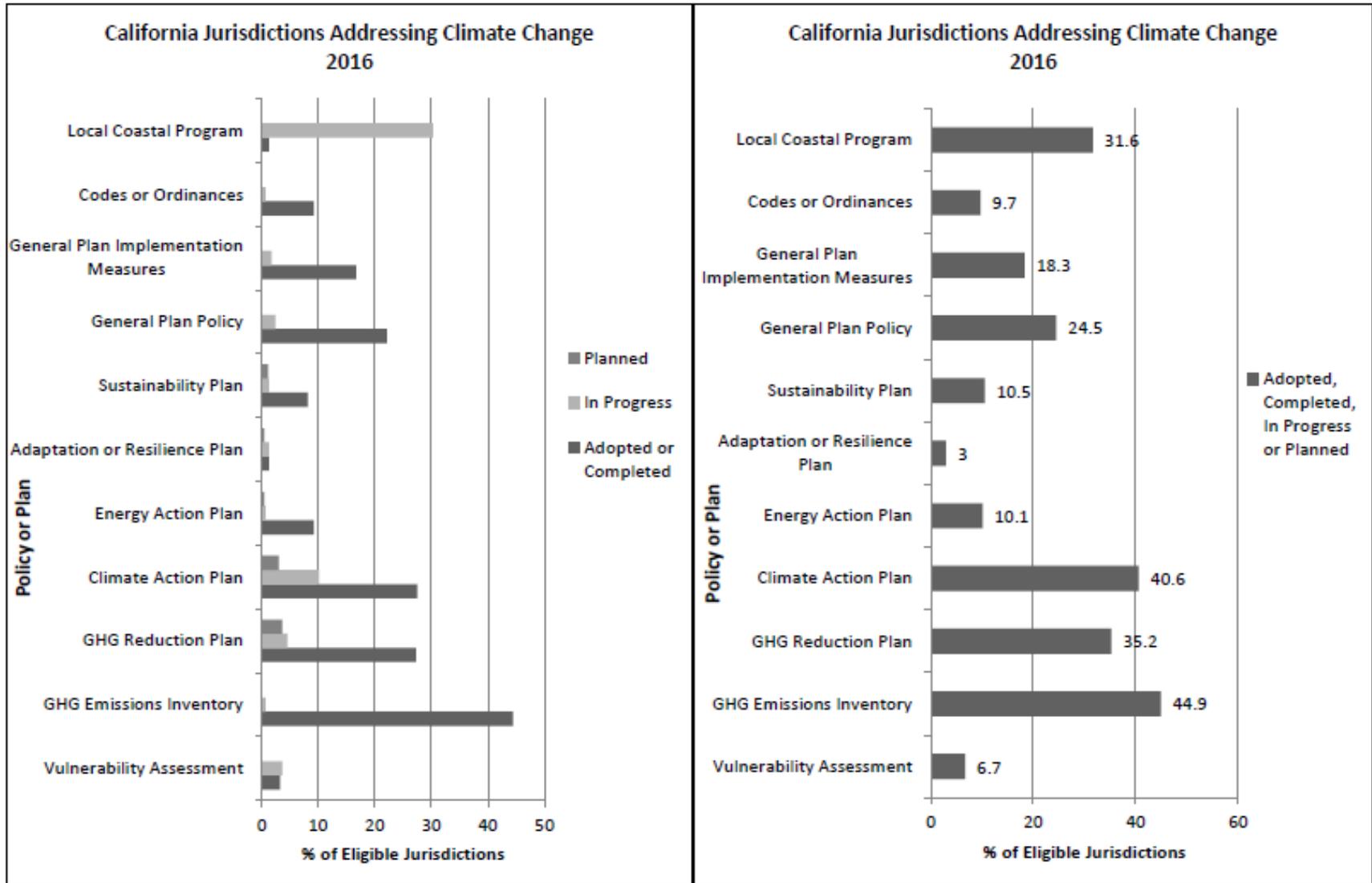


# To Achieve These Goals

- Support infill development to build healthy, equitable, and sustainable communities
- Build a resilient and sustainable water system
- Steward and protect natural and working landscapes
- Incorporate climate change adaptation into all planning and investment
- Lead by example to make the state a model for long-term sustainability



# Local Context





# General Plan Role in Planning

**A General Plan is a local governments long term blueprint for the community's vision of future growth**

- Starts with Community Vision, created through public engagement
  - Look back to identify past challenges and accomplishments
  - Examine current data and emerging data trends
  - Consider future issues, challenges, and goals
- Set goals, objectives, and policies in each element or topic area related to future growth



# General Plan Guidelines Elements

Land use

Circulation

Housing

Conservation

Open Space

Noise

Safety

Air Quality

## **New Chapters**

- Public Engagement and visioning
- Healthy communities
- Climate Change
- Economic Development
- Water Management
- Social, Equity and Environmental Justice
- +New data tool

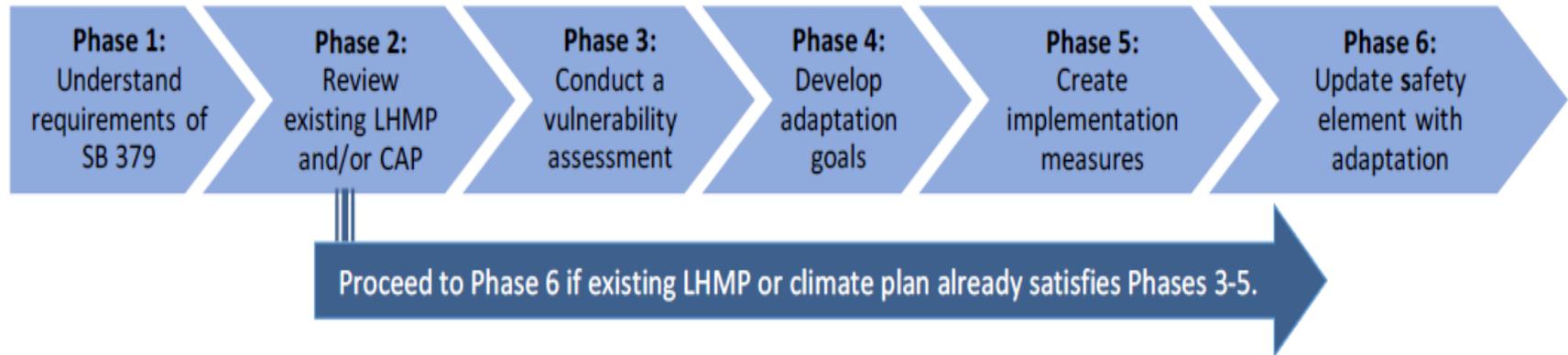


# GP Guidelines and SB379

- Builds upon AB162 (flood protection) and SB1241 (fire protection) and Supports Safeguarding California implementation.
- Support AB2140 (LHMP and Safety Element integration).
- Requires:
  - A vulnerability assessment
  - Adaptation goals, policies and objectives
  - Set of feasible implementation measures



# GP Guidelines and SB379



If a jurisdiction has an LHMP, then the next LHMP update must also include a safety element update

If a jurisdiction does not now have an LHMP, then the safety element of GP must be updated by 1/1/2022 to include climate adaptation



# Adaptation Planning Guide

ADPG

START HERE:

PLANNING FOR ADAPTIVE COMMUNITIES

USE AS NEEDED:

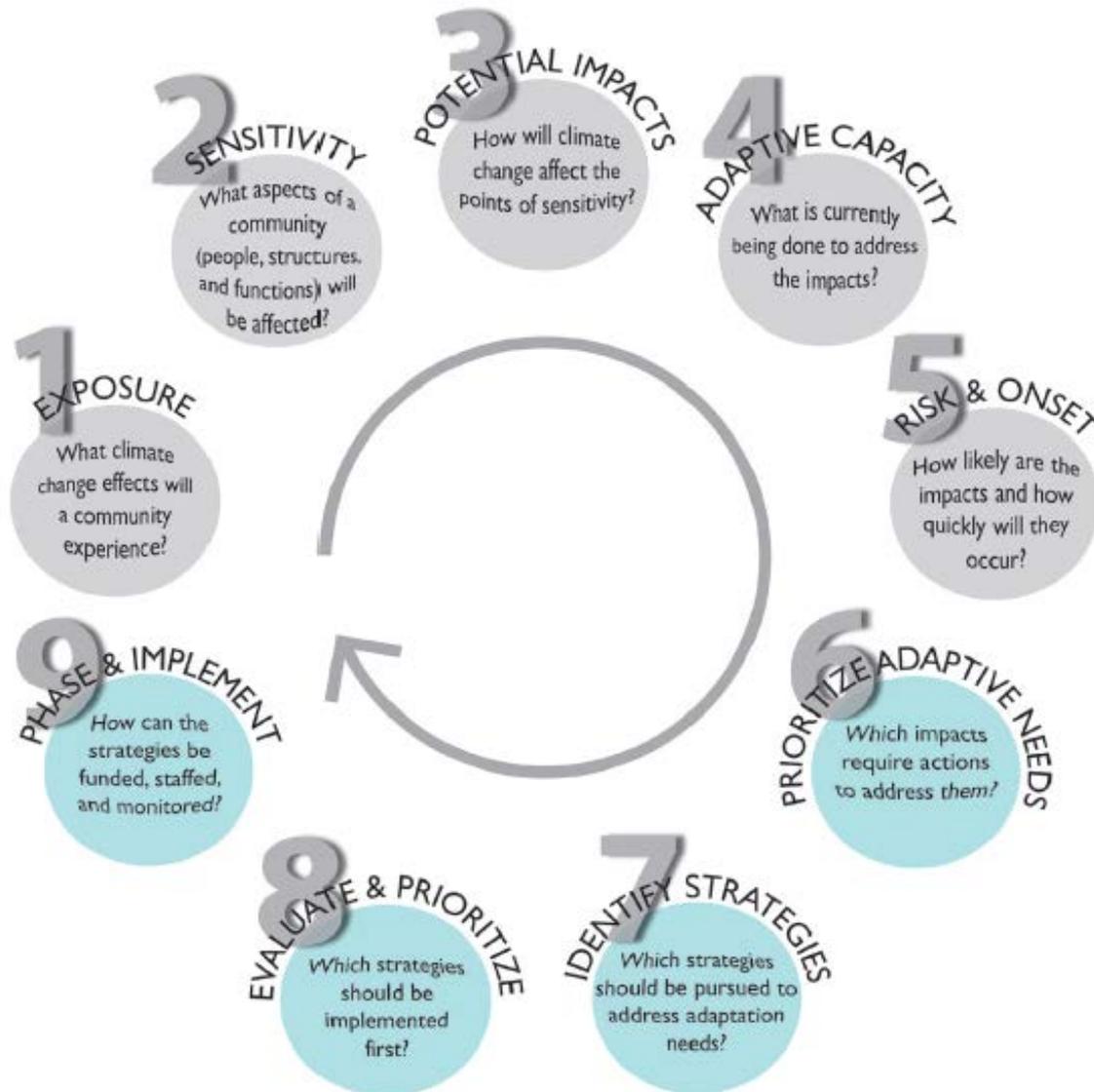
Defining  
Local & Regional  
**IMPACTS**

Understanding  
**REGIONAL**  
Characteristics

Identifying  
Adaptation  
**STRATEGIES**

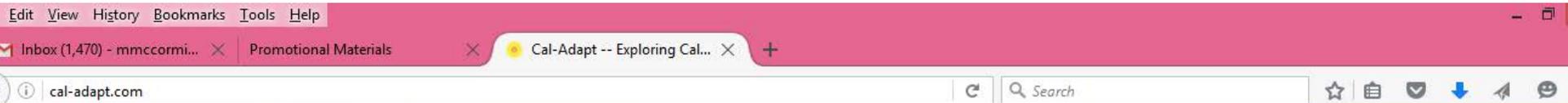


# APG – Planning for Adaptation





# Cal-Adapt



## cal-adapt

EXPLORING CALIFORNIA'S  
CLIMATE CHANGE RESEARCH

### Video Tour

VIEW THE DIFFERENT TOOLS AND  
DATA AVAILABLE IN CAL-ADAPT



### Explore Climate Tools

INTERACTIVE MAPS & CHARTS



### About Cal-Adapt

SUBSCRIBE TO THE CAL-ADAPT  
NEWSLETTER

**NEW** WHAT'S NEW?

WHAT'S TO COME?

FAQS

### Access Data

ACCESS THE RAW DATA USED IN  
CAL-ADAPT



### Resources

RESEARCH, PUBLICATIONS & LINKS



### Community

CAL-ADAPT BLOG, CLIMATE CHANGE  
NEWS & EVENTS





# General Plan Data Tool

**Flood\_Risk\_State**

- 100-Year Floodplains
  - FEMA DWR Awareness Regional Studies /USACE Comprehensive Study
- 200-Year Floodplains
  - USACE Comprehensive Study
- 500-Year Floodplains
  - FEMA Regional Studies /USACE Comprehensive Study

21188 Lochlea Ln - Goog

<https://www.google.com/maps/@33.6546972,-117.9818539,3a,75y,353.35h,94.52t/data=!3m1!1e3>

21188 Lochlea Ln  
Huntington Beach, California

Street View - May 2011

Neighborhood within 100yr Floodplain, Huntington Beach



# GPGU Next Steps

- Public comment closed 12/2015
- 25 Workshops around the State
- 88 comment letters received
- Expanded climate change discussion
- SB379 language public review
- SB2140 expanded language
- Public release and outreach/pilots
- Continued improvement of tool and website
- Living document



# CCCCSS

View History Bookmarks Tools Help

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www.californiascience.org

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California Climate Change Symposium 2015

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# California Climate Change

## Symposium 2016

### Science to Safeguard California

Save the Date

**Tuesday**  
**09/06**

**RENAISSANCE LONG BEACH HOTEL**

111 E OCEAN BLVD, LONG BEACH, CA 90802



NOTES

COMMENTS



# California Adaptation Forum

quality of life  
equity  
agriculture  
forestry  
energy  
coasts  
evaluation  
2nd  
climate change  
health  
implementation  
monitoring  
biodiversity  
stakeholder engagement  
California  
Adaptation  
Forum  
planning  
environmental  
justice  
habitat  
innovation  
governance  
preparedness  
resilience  
transportation  
advocacy  
water

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September 7-8, 2016 • Long Beach, California

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Join us in the **Fall of 2016** for the 2nd California Adaptation Forum, bringing together a diverse audience of leaders, stakeholders, practitioners, and other key players committed to addressing California's adaptation needs.



# Other Items of Interest

- SB246 – ICARP and Adaptation Clearinghouse
- CEQA Guidelines Update
- Pilot cities for best practices policies/ implementation
- CivicSpark/Water Action Corp AmeriCorp Governor's Initiatives



# Thank You

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