

Adaptation Options for Maryland

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PRESENTATION TO THE MARYLAND
ADAPTATION RESPONSE WORKING GROUP

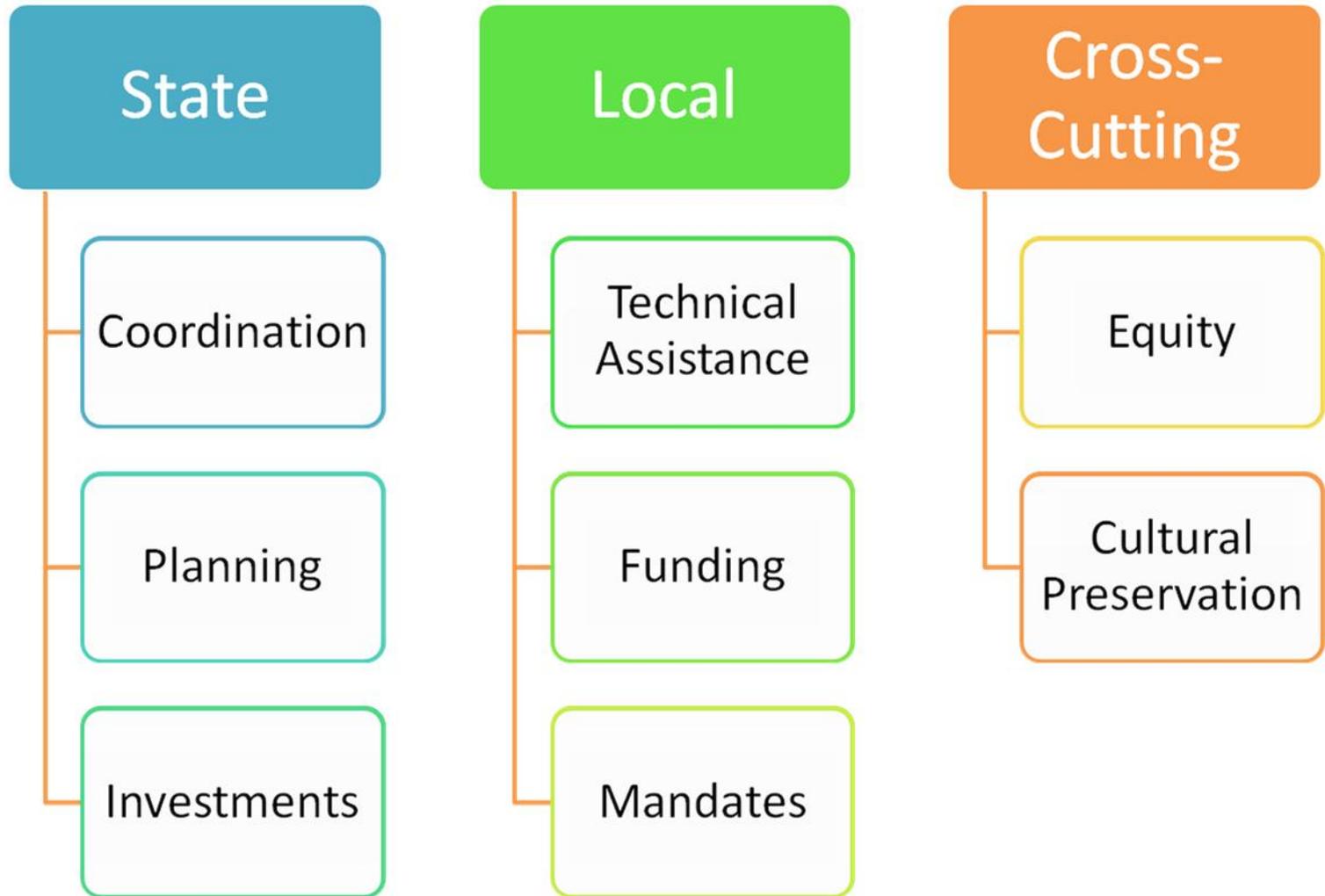
September 15, 2016

GEORGETOWN CLIMATE CENTER

- Convenes and serves as resource to states and localities on climate and energy issues
- Brings together academics and policymakers to improve climate policy
- Informs the development of:
 - Legislation
 - Regulation
 - Transportation policy
 - Adaptation policy



ORGANIZATION



ORGANIZATION

- What the state is currently doing
- Recommendations for additional work
- Examples from other jurisdictions

STATE PLANNING & PROGRESS

Maryland Climate and Energy Profile

Adapting to Climate Change

Clean Energy and Reducing Carbon Pollution

Overview of Maryland's Climate Change Preparations

This page provides an overview of the steps Maryland is taking to prepare for the impacts of climate change.

On April 20, 2007, Governor Martin O'Malley established the Maryland Commission on Climate Change and directed the Commission to create a Climate Action Plan including measures to reduce greenhouse gas emissions and prepare for the impacts of climate change (Executive Order 01.01.2007.07). The 2007 executive order established the Adaptation and Response Working Group within the Commission to develop the adaptation portions of the state's Climate Action Plan. Maryland's Climate Action Plan includes two climate change adaptation plans that are currently being used to guide state-level adaptation planning efforts.

[Read More](#)



[VIEW STATE ADAPTATION PLAN STATUS](#)



[VIEW ALL COMPLETED STATE GOALS](#)

Maryland



[Comprehensive Strategy for Reducing Maryland's Vulnerability to Climate Change - Phase II: Building societal, economic, and ecological resilience](#)

Finalized: January 2011



- 3 out of 154 Goals Completed
- 91 out of 154 Goals in Progress

[Comprehensive Strategy for Reducing Maryland's Vulnerability to Climate Change - Phase I: Sea-level rise and coastal storms](#)

Finalized: July 2008



- 3 out of 20 Goals Completed
- 16 out of 20 Goals in Progress

- Expand the Adaptation Working Group to include other stakeholders or create a citizen advisory council
- Establish research priorities and coordinate with academic researchers
- Expand the scope of the Coast Smart rules
- Consider climate change in all state plans

STATE

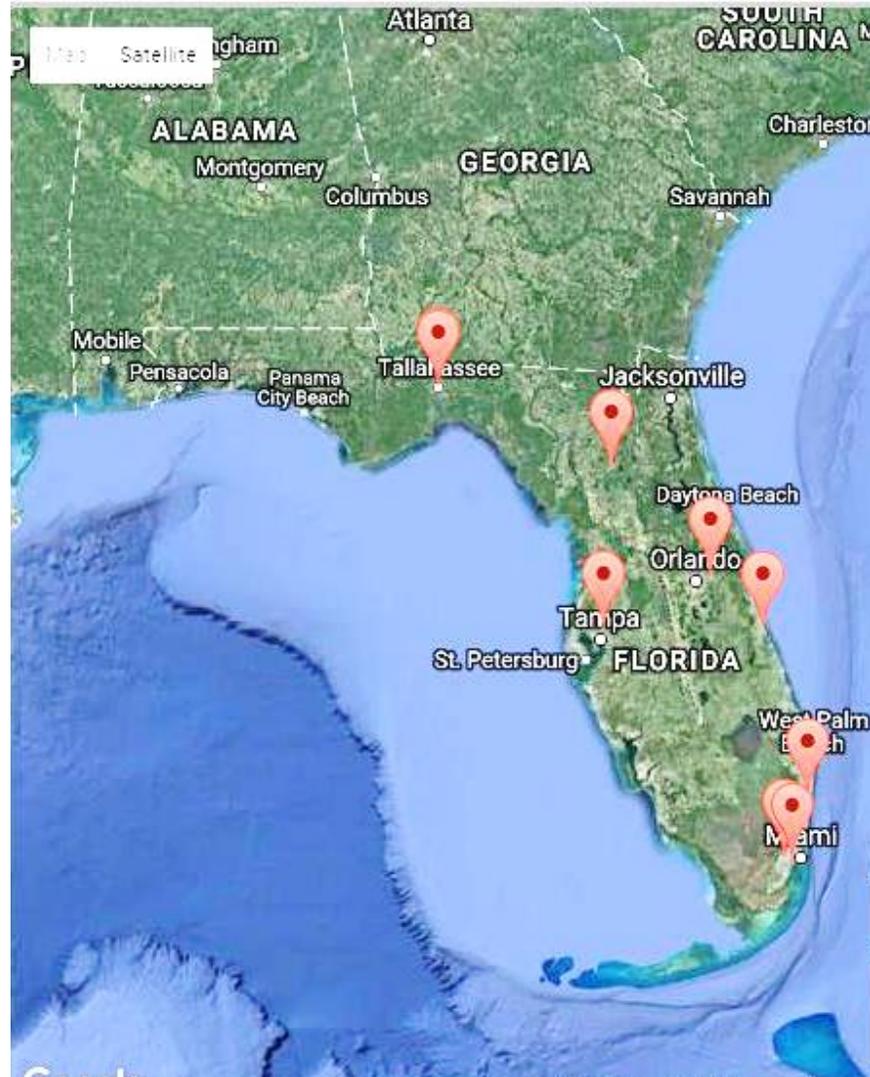
NEW HAMPSHIRE | COASTAL RISK & HAZARDS COMMISSION

Coordination



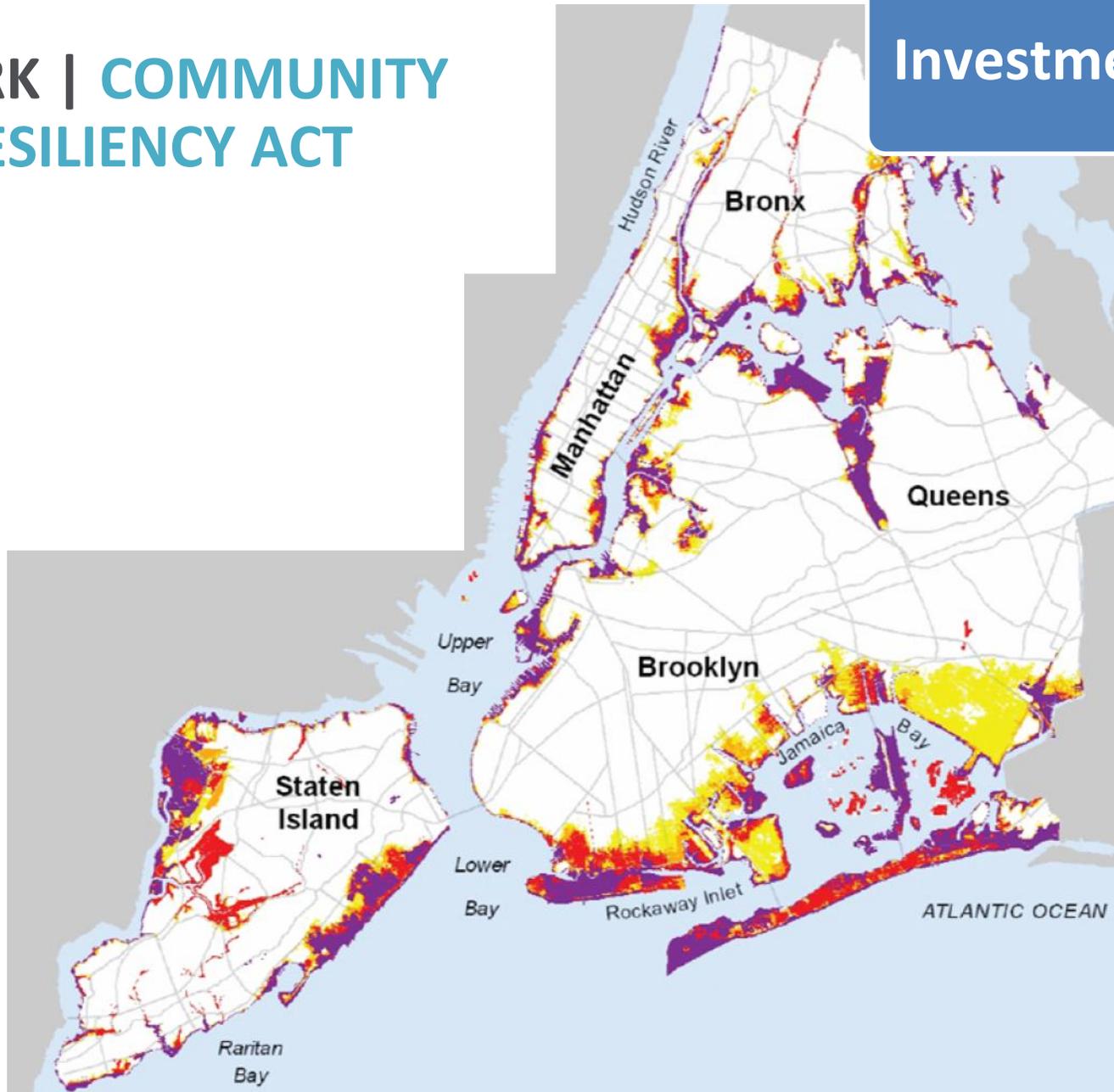
SOUTHEAST FLORIDA | CLIMATE INSTITUTE

Coordination



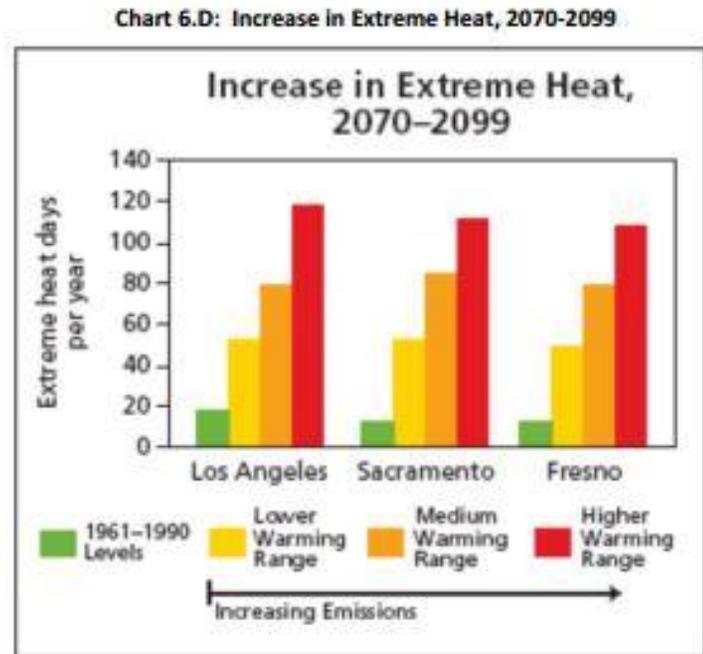
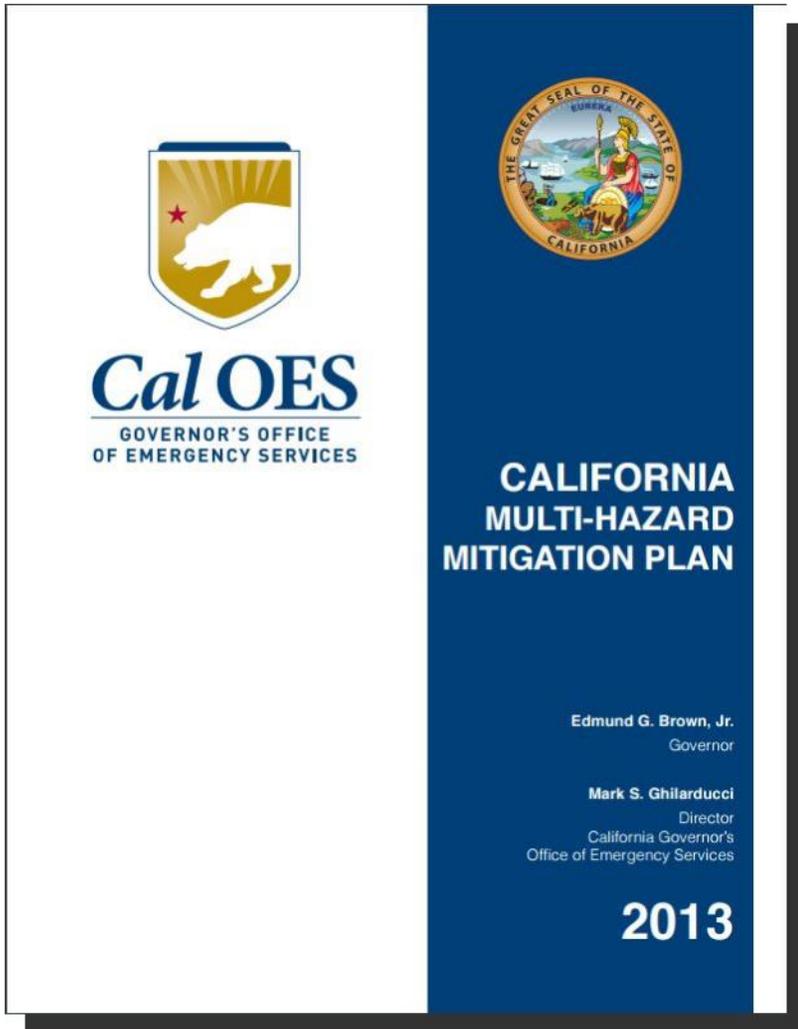
NEW YORK | COMMUNITY RISK & RESILIENCY ACT

Investments



CALIFORNIA | ALL HAZARD MITIGATION PLAN

Planning



- Use state funding programs as carrot to encourage local adaptation
- Develop new funding streams to support local adaptation
- Identify ways to fund or finance private adaptation
- Consider climate change in all state plans
- Expand scope of data, tools, and technical support provided to communities
- Encourage or require local adaptation planning

LOCAL

MASSACHUSETTS | COASTAL RESILIENCE GRANT PROGRAM

Funding



HAWAII | HOTEL TAX

Funding



CONNECTICUT | SHORE UP PROGRAM

Funding



NORTH CAROLINA | FLOOD RISK INFORMATION SYSTEM

Technical Support



Video Tour

VIEW THE DIFFERENT TOOLS AND DATA AVAILABLE IN CAL-ADAPT



Explore Climate Tools

INTERACTIVE MAPS & CHARTS

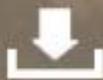


About Cal-Adapt

-  WHAT'S NEW?
-  WHAT'S TO COME?
-  FAQs

Access Data

ACCESS THE RAW DATA USED IN CAL-ADAPT



Select and download data in a variety of tabular and GIS formats

Resources

INFORMATION, ARTICLES & LINKS



Find out more about how climate change in California is relevant to your community

Community

PARTICIPATE IN COMMUNITY BASED TOOLS AND ACTIVITIES



Find out how you can share your thoughts and findings, communicate with experts, and help to collect new data

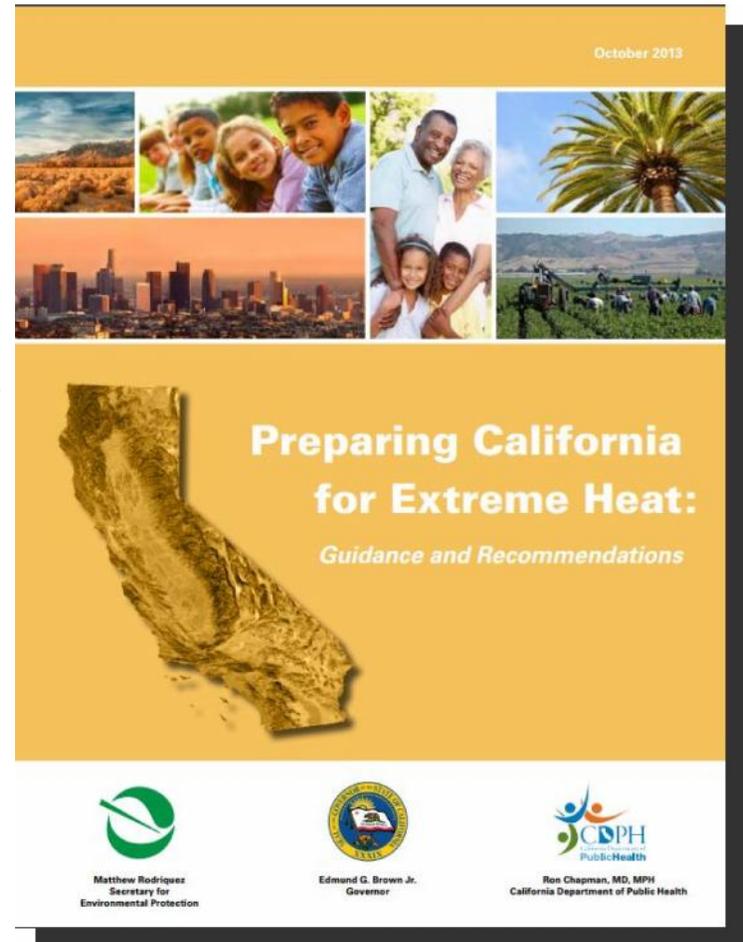
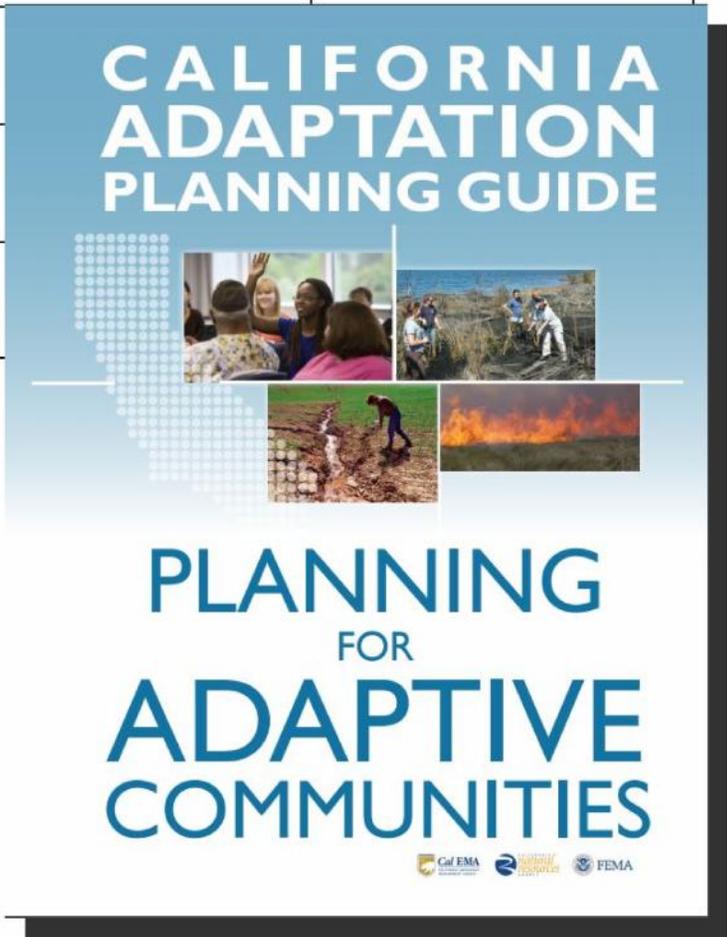
 Tweet 273  Like 451

CALIFORNIA | ADAPTATION PLANNING GUIDES

Technical
Support

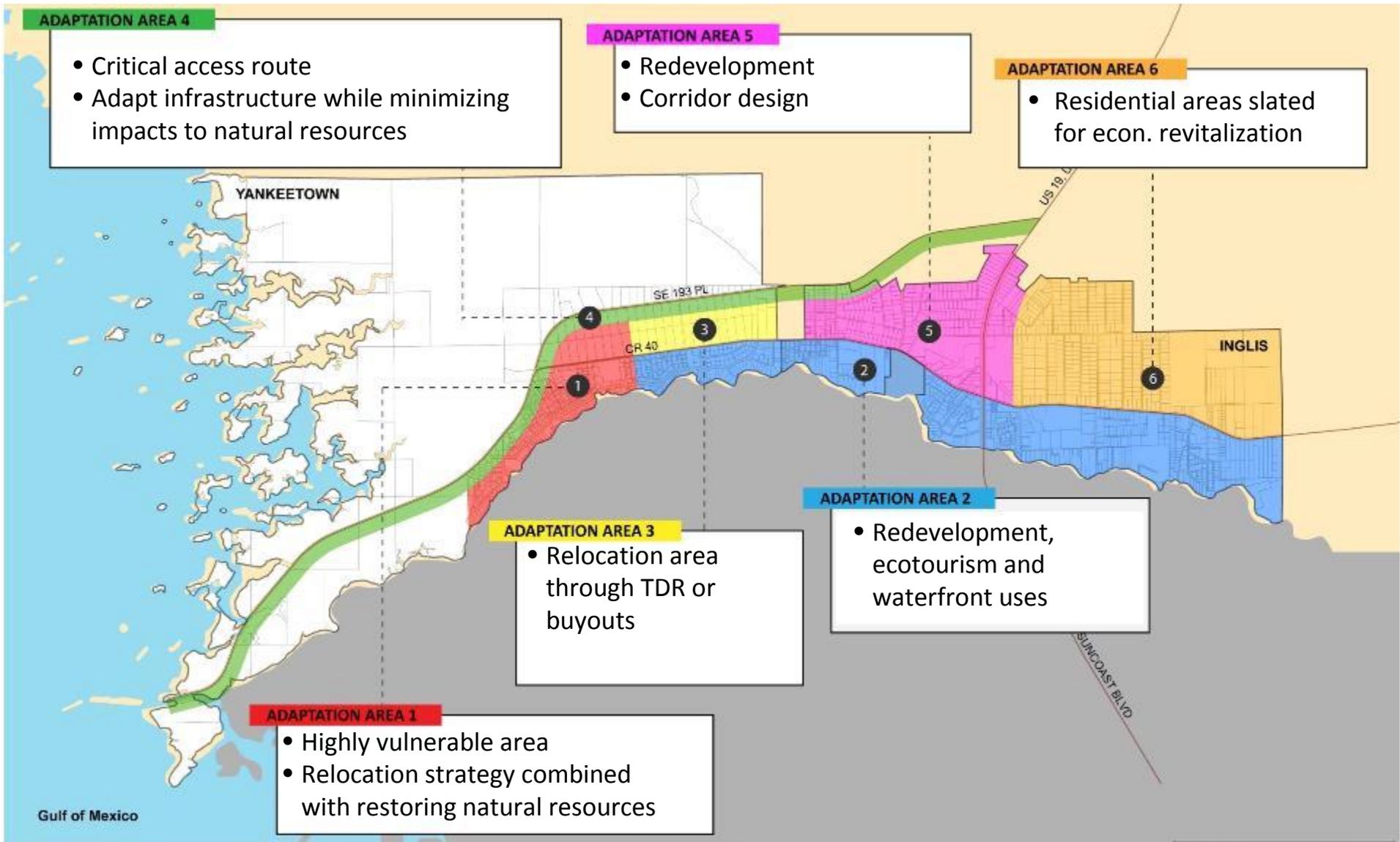
Table 1. Sea-Level Rise Projections using 2000 as the Baseline

Time Period	North of Cape Mendocino ³	South of Cape Mendocino
2000 - 2030		
2000 - 2050		
2000 - 2100		



FLORIDA | ADAPTATION ACTION AREAS

Mandates

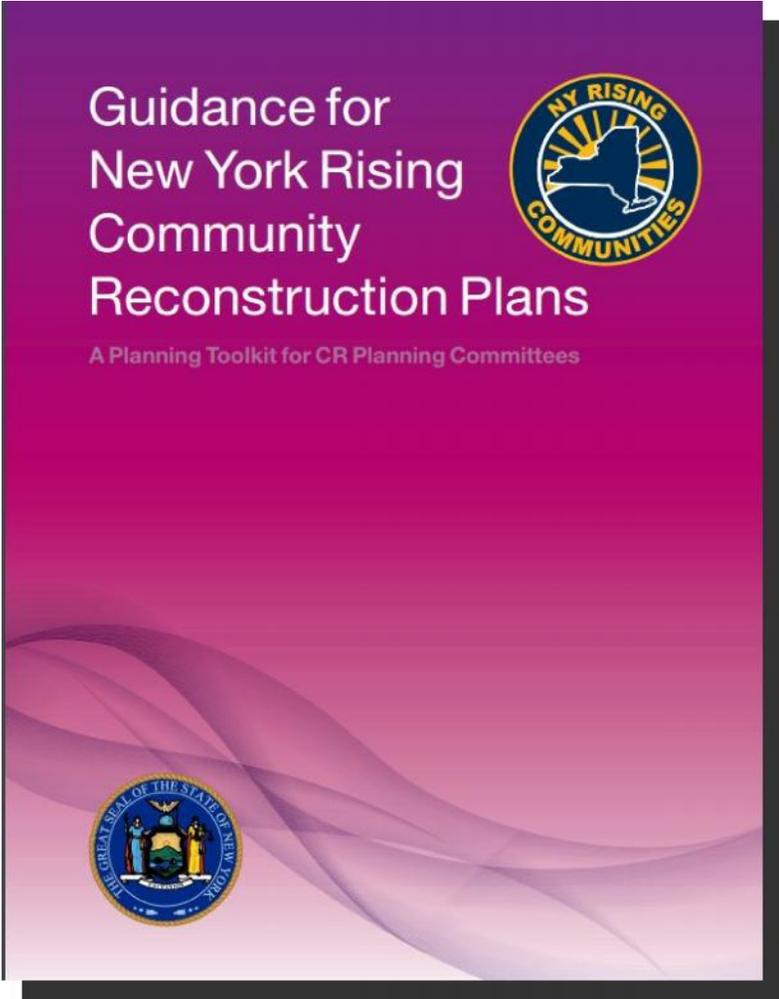


- Target state investments to help those most vulnerable to climate change impacts
- Work with local historic preservation commissions to update and revise guidelines for flood resilience retrofits to historic structures (building on work in Baltimore and Annapolis)

CROSS- CUTTING

NEW YORK | GUIDANCE FOR RISING COMMUNITY RECONSTRUCTION PLANS

Equity



MISSISSIPPI | ELEVATION DESIGN GUIDELINES FOR HISTORIC PROPERTIES

Cultural
Preservation



Thank You!

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www.adaptationclearinghouse.org

www.georgetownclimate.org