THE CALIFORNIA CLIMATE ADAPTATION STRATEGY

Discussion Draft Overview

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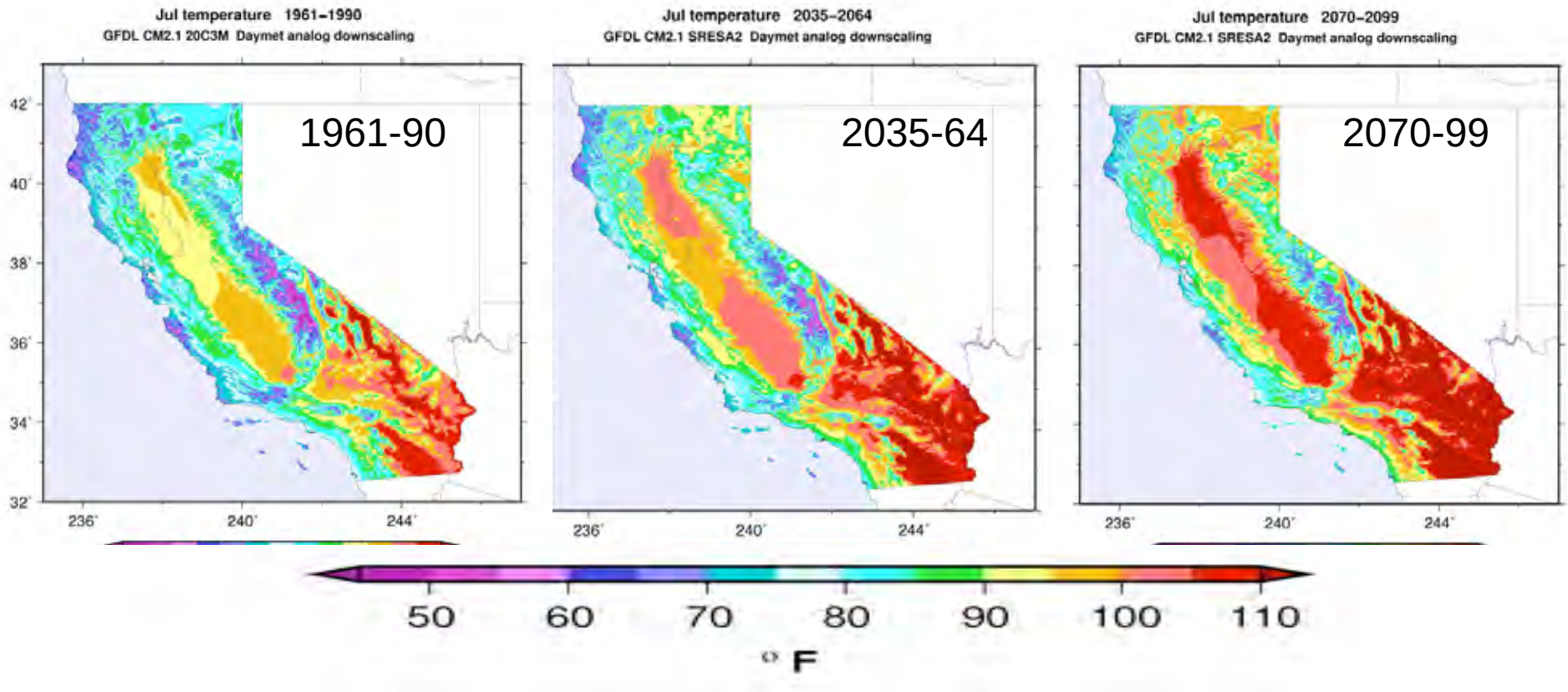
Anthony Brunello
California Natural Resources Agency (resources.ca.gov)

Why Adapt to Climate Change?

- Climate change impacts are already occurring
- Future climate impacts projected to be worse
- No adaptation could put $2.5 trillion at risk
- Opportunity to reduce risks and build resilience
- Already requirement under CEQA
- Gov. Schchwarzenegger said so: EO S-13-08

Why Adapt to Climate Change?

July Temperatures (Cayan, Scripps Institute)



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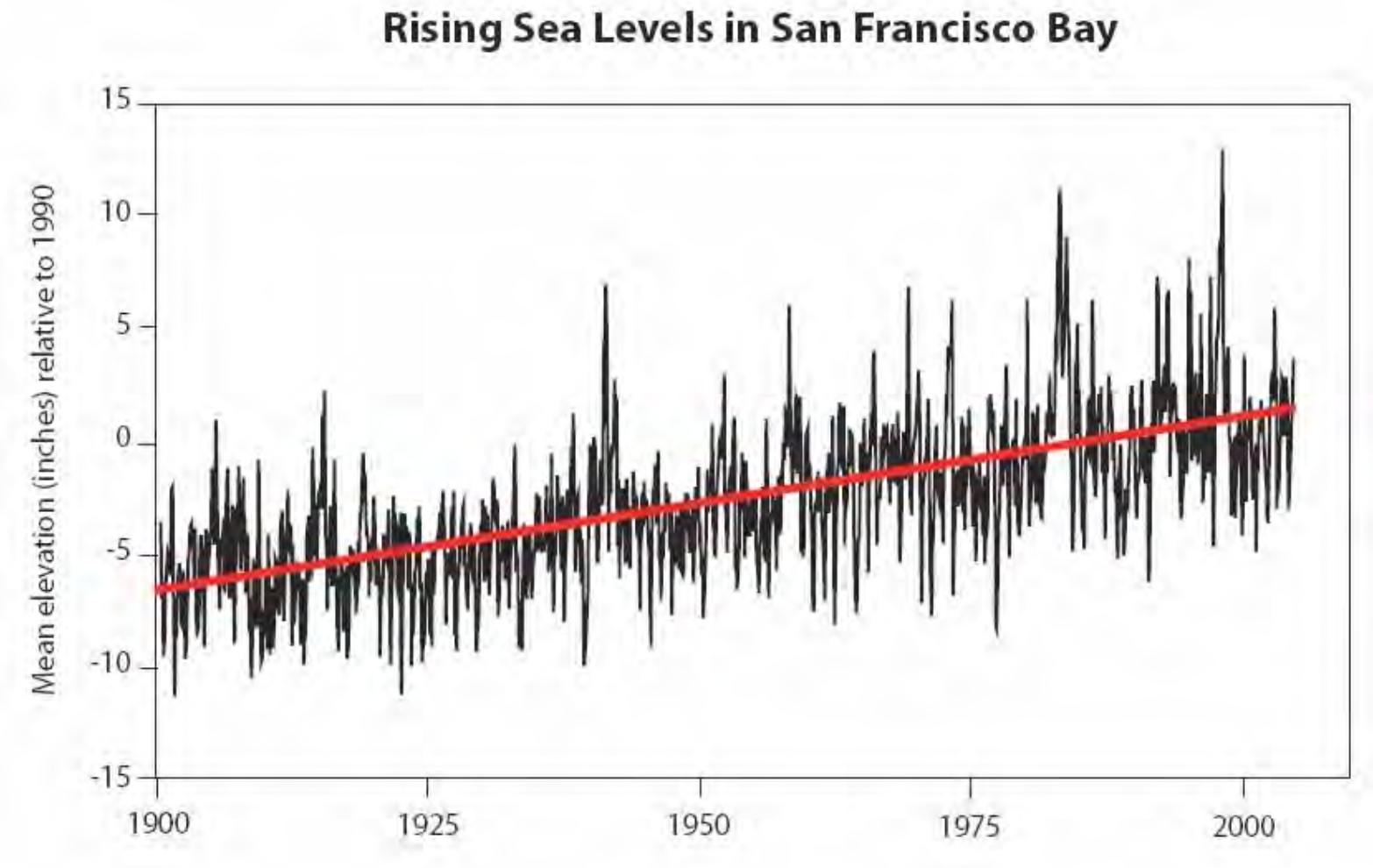

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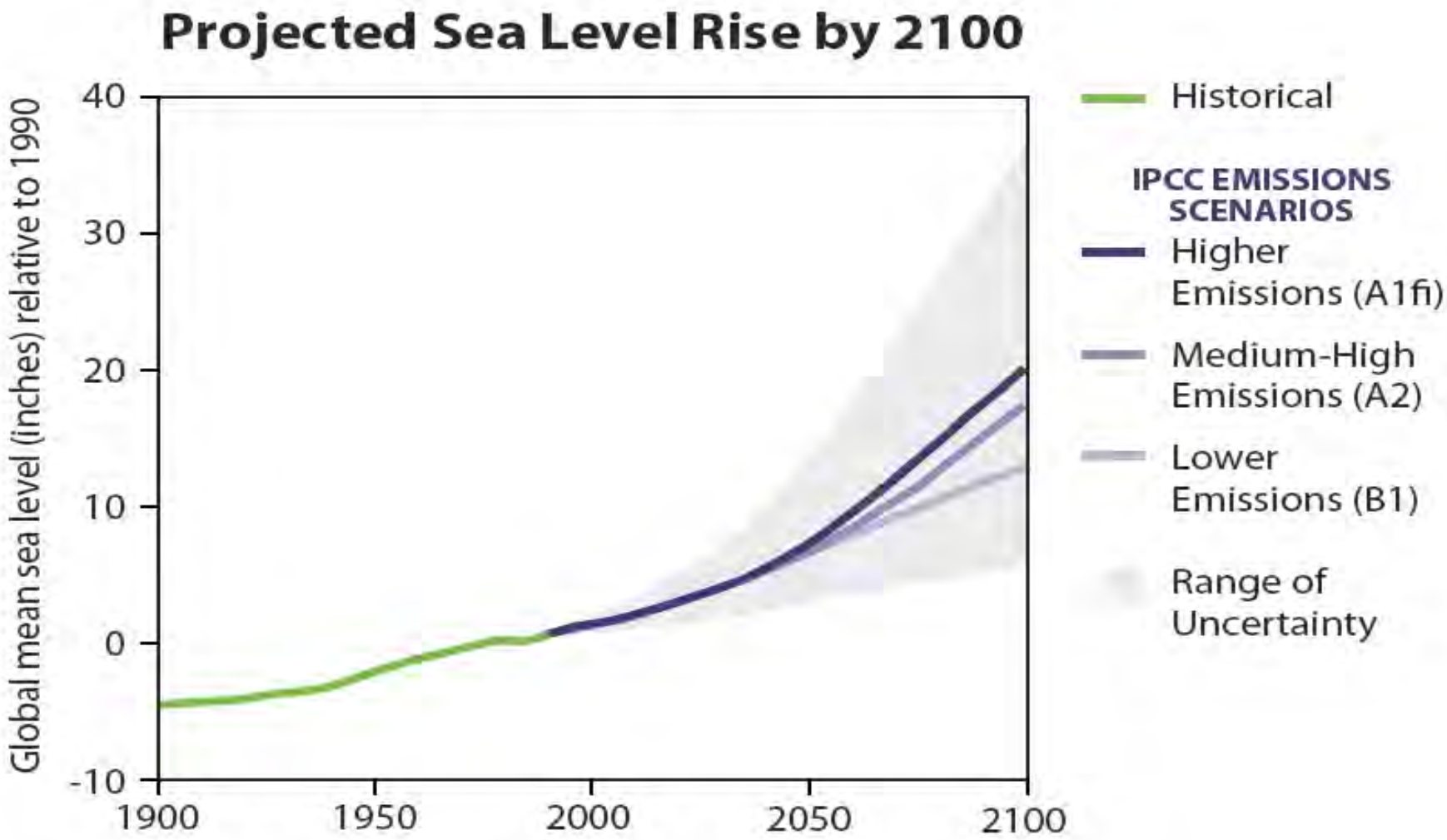

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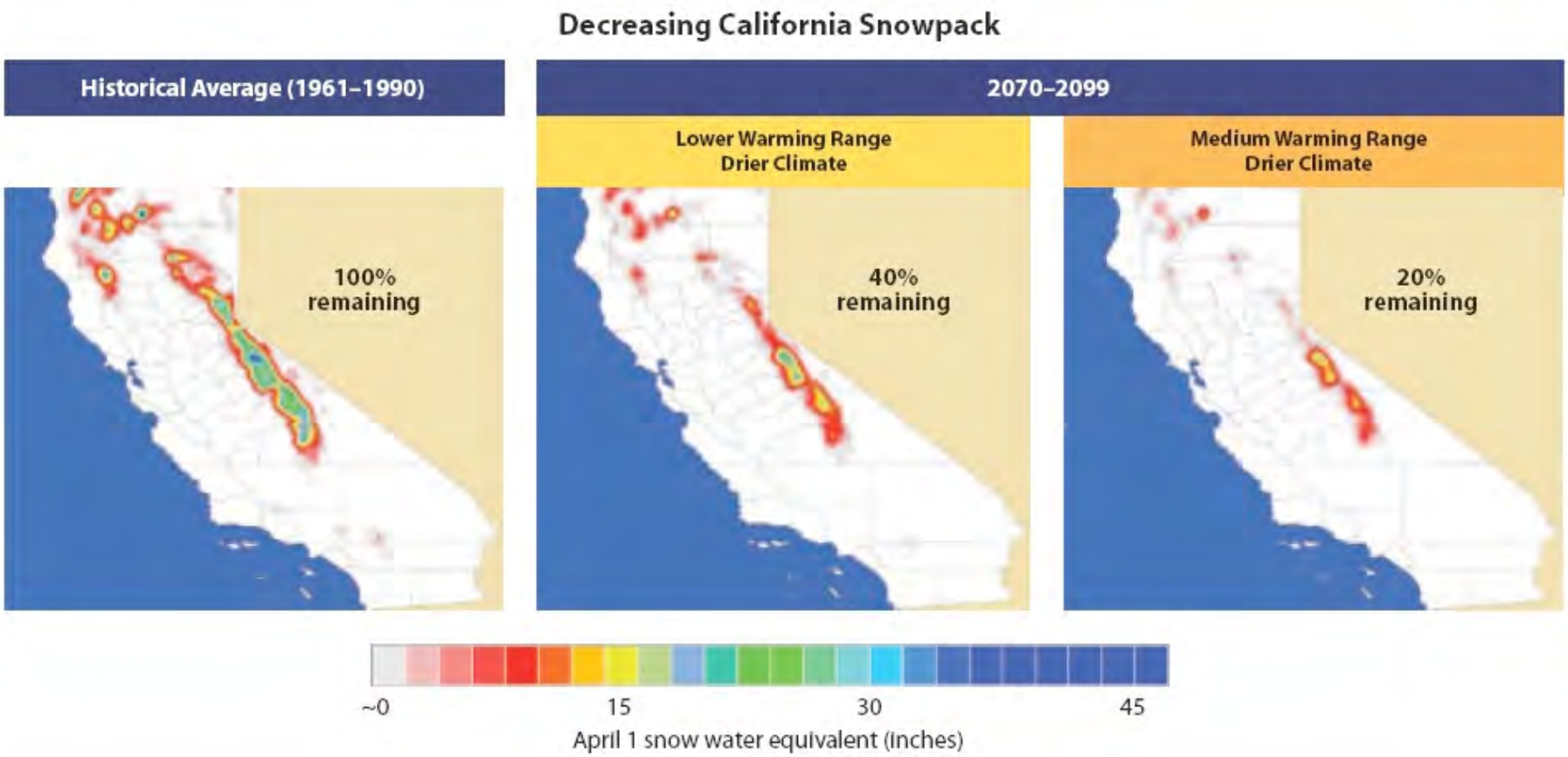

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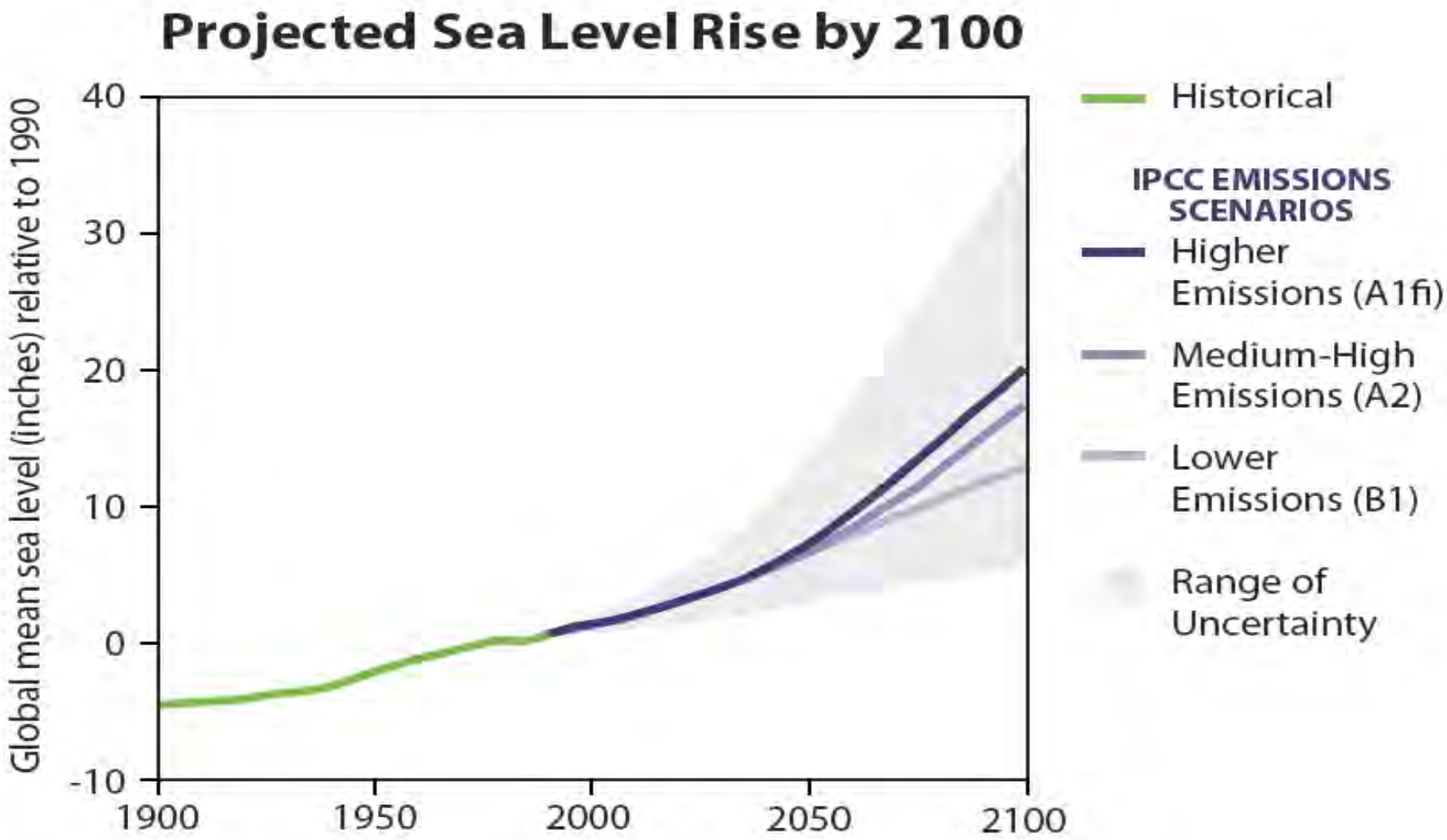

Why Adapt to Climate Change?

One Meter Sea Level Rise
Central and South Bay

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Why a California Climate Adaptation Strategy?

CEC climate change research = foundation

+ Political push to fix California's water supply

+ Lack of coordinated climate adaptation policy

+ Push and support by key state stakeholders

= Schwarzenegger Exec. Order S-13-08

How was Strategy Developed?

- Led by CNRA under Climate Action Team
- Focused on state agency focus
- Six Agencies led 7 different Working Groups
- Coordinated with state mitigation plan
- Focused on "Science, Strategy, Action"
- Strategies = What can be done by Dec. 2010
- Beginning of conversation, not end

Key Recommendations

1. Develop Climate Adaptation Advisory Panel
2. Adapt water mgmt. and use for climate change
3. Avoid new development in “high risk” areas
4. Develop Agency adaptation plans
5. Implement CEQA = climate impacts to projects
6. **Develop climate hazard mitigation plan including ID of most vulnerable communities**

Key Recommendations

7. Identify most vulnerable natural habitats
8. Provide guidance to local communities on improving public health under climate change
9. Develop guidance/tools for local planning
10. Identify wildfire risk areas and promote better fire planning
11. Increase renewable energy supply/efficiency
12. Increase research on adaptation and make research results easily accessible

CAT Team Discussion

Adaptation Strategy:

- What are the types of tools stakeholders can either use now or should look for to help them adapt to climate change?
- What are the most important partnership opportunities to implement your adaptation strategies?

Next Steps

- Public comment period ends September 17th
- Focus on short term implementation actions
- Build partnerships for implementation
- Go to www.climatechange.ca.gov for more information