US EPA ARCHIVE DOCUMENT
THE CALIFORNIA CLIMATE ADAPTATION STRATEGY

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The California Climate Adaptation Strategy:

- November 2008 Governor’s Executive Order
- Released December 2, 2009
- Progress Report released November 15, 2010
- Bi-annual update (?)
Climate Adaptation Strategy: Process

- “Brainstorming” sessions – science and policy
- Meetings with experts to discuss climate science and adaptation approaches
- Formation of working groups (by sector)
- Consultant team to synthesize the science
- Strategy: What can state do near-term (2010) and longer-term
- Multi-phase, internal and public reviews
Climate Adaptation: Perceptions

- Adversity
- Capitulation
- Necessity
Climate Adaptation: Perceptions

Source: Cayan et al., 2009. CEC-595-2009-014-F
Research and Publications:

The Future Is Now
An Update on Climate Change
Science, Impacts, and Response
Options for California
A report from the California Climate Change Center
California Energy Commission’s
Public Interest Energy Research Program
September 2008

www.climatechange.ca.gov/publications/
Key Points:

- Climate Change impacts are *already* occurring
- Future climate impacts projected to be worse
- $2.5$ trillion of California infrastructure “at risk”
- Opportunity to reduce risks and build resilience
- Already requirement under CEQA
Climate Adaptation Strategy: Structure

- Defines the climate impact problem to the state.
- Identifies the adaptation component of planning for climate change.
- Synthesizes PIER research into current and expected climate impacts (depending on emissions scenario).
- Makes key recommendations.
- Breaks down each of these prior steps by sector.
- Focus on Science, Impacts, Strategy, Action.
Funding

- Existing resources
- $150,000 allocation (AB 32)
- Resources donated from other agencies (website, publication, logistics)
Since Release:

- Making research findings *relevant* (Vulnerability Study, Policy Guide, CalAdapt Tool, Regional SLR Study)
- Coordinating climate adaptation and mitigation
- Involvement with regional efforts
- Progress reporting
- Funding
Mainstreaming:

- Use same (or similar) planning procedures, with different perspective – not an “add on”
- Stimulus funding - planning for sustainable communities (Strategic Growth Council)
- Vertical integration (city/co./state/federal)
- Access to information on local impacts
- Watershed-level management
- Legislation?
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Thank you

www.climatechange.ca.gov/adaptation