



Current Actions by State Government

The State of California is already taking steps to prepare for the effects of extreme climate risks. Our agencies and departments are working with policy makers, scientists, engineers, planners and public safety officials to prepare for the risks we face now and the challenges that lie ahead.

Disaster Planning

State agencies are updating or creating plans to respond to the impacts of climate-driven weather.

- Extreme climate events are already integrated into the California Emergency Plan and Hazard Mitigation Plan.
- A Drought Contingency Plan has been completed by the Department of Water Resources (DWR).
- A Central Valley Flood Protection Plan is also being finalized by DWR.
- California's emergency response plan for heat events has been updated by the Department of Public Health.

Water & Energy Use

- Governor Brown's goal of 12,000 megawatts of distributed generation onto the grid, and his policies to promote localized renewable energy, will help diversify energy sources and protect electricity supplies.
- California is on track to reduce per capita water use by 20 percent, lowering our vulnerability to droughts.
- California is on track to meet its 20 percent water recycling goal. This will increase water supplies and help protect us against droughts and floods.
- California is using voter approved Proposition 1E bond funds to strengthen levees and is working on a Bay Delta Conservation Plan to potentially enable a new water conveyance that is less vulnerable to extreme events.

World Class Research

- The California Energy Commission's (CEC) PIER program is funding world class research to document the impacts of climate change on California. This research has provided the best estimates about how climate change will impact the state.
- The CEC has invested millions in research and demonstration of smart grid, energy storage, demand response, and cool surface materials. The goal of this research is to spur development of technologies that protect the electric grid and energy supplies from vulnerabilities including extreme heat.

- A Statewide Vulnerability Assessment is being coordinated by the CEC to identify what lands and infrastructure are at risk from climate change and recommend ways to protect these assets. The Assessment will be released this coming spring.

Supporting Local Government Action

- Local governments and water agencies are using voter approved Proposition 84 bond funds to restore wetlands and floodplains to protect against floods and droughts.
- Agencies are also funding urban greening programs to protect against heat waves and absorb flood waters.
- A Climate Adaptation Policy Guide for local governments will be issued this spring that will help cities and counties to develop policies to respond to climate change.
- Local health departments are being provided by the Department of Public Health census-tract maps showing areas of population at greatest risk from climate change threats.

Information for California Residents

- The “Cal-Adapt” web program has been created by the Resources Agency that allows any California resident or community to learn about estimated weather impacts from climate change in their own specific area.
- “My Hazards” and “My Plan” websites have been created by CALEMA that allow residents to plan how to plan for fire, flood and earthquake risks in their specific neighborhood or community.