

State of California Climate Change Document Updates

This chart and associated materials were developed in coordination with the Climate Action Team (CAT) – find out more about the CAT at www.climatechange.ca.gov

This list is not comprehensive. The efforts outlined below represent efforts that affect State, local and regional efforts on climate change but do not include department or agency specific plans or education or outreach efforts.

Documents in bold represent overarching goal and policy documents.

Last updated 9-30-2013, status subject to change - refer to www.opr.ca.gov for most recent version of chart.

Document/Process	Status	Description	Website	Lead Agency	Sector/Topic	Audience
Environmental Goals and Policy Report	Released	This report provides a comprehensive look at the state's future in the context of a changing climate and a population that is projected to reach 50 million by the middle of this century. This document provides a broad overview of the state's efforts toward long-term sustainability over the next several decades by looking holistically at our environmental goals.	http://opr.ca.gov/s_egpr.php	GO/OPR	Multi	State
AB 32 Scoping Plan Update	Released	The 2013 AB 32 Scoping Plan update defines climate change priorities for the next 5 years and lay the groundwork to reach post-2020 goals set forth in Executive Orders S-3-05 and B-16-2012. The update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals defined in the original Scoping Plan in 2008. It will also evaluate how to align the State's longer-term GHG reduction strategies with other State policy priorities, such as for water, waste, natural resources, clean energy and transportation, and land use.	http://www.arb.ca.gov/cc/scopingplan/scopingplan.htm	CARB	Multi	State
Safeguarding California Plan (update to 2009 California Climate Adaptation Strategy)	Pending	The Safeguarding California Plan will build upon previously identified strategies and incorporate advances in climate science and risk management strategies. The update will address climate risks in nine sectors: Agriculture, Biodiversity and Habitat, Emergency Management, Energy, Forestry, Ocean and Coastal Ecosystems and Resources, Public Health, Transportation, and Water.	http://www.climatechange.ca.gov/adaptation	CNRA	Multi	State
Climate Action Team (CAT) Climate Change Research Plan	Pending	The Public Interest Energy Research (PIER) program is the state's premier energy RD&D program, advancing science and technology in the fields of energy efficiency, renewable energy, advanced electricity technologies, energy-related environmental protection, and transmission and distribution, and transportation technologies. To accomplish this, PIER enlists businesses, utilities, energy companies, public advocacy groups, and world-class scientists at California's universities and national laboratories.	http://www.energy.ca.gov/research/index.html	CEC	Multi	State
Bioenergy Action Plan	Released	The 2012 Bioenergy Action Plan outlines strategies, goals, objectives, and actions that California state agencies will take to increase bioenergy development in California. The plan builds upon the state's 2006 Bioenergy Action Plan and 2011 Bioenergy Action Plan. The 2012 Bioenergy Action Plan updates the strategies, objectives, and state agency actions to reflect Governor Jerry Brown's energy, waste reduction, and jobs policies and to formalize additional state actions not included in the 2011 Plan.	http://www.resources.ca.gov/docs/2012_Bioenergy_Action_Plan.pdf	CNRA	Energy	State
Zero Emissions Vehicle (ZEV) Action Plan	Released	This 2013 ZEV Action Plan identifies specific strategies and actions that state agencies will take to meet milestones of the executive order that established several milestones on a path toward 1.5 million ZEVs in California by the year 2025. Accelerating the market for ZEVs is a cornerstone of California's long-term transportation strategy to reduce localized pollution and greenhouse gas emissions, save consumers money, and enable continued economic growth. In addition to promoting these vehicle technologies, the state supports the development and use of low carbon fuels, as well as planning more environmentally sustainable communities that reduce unnecessary vehicle travel and congestion.	http://opr.ca.gov/docs/Governor's_Office_ZEV_Action_Plan_(02-13).pdf	GO/OPR	Transportation	State

Climate Adaptation Planning Guide	Released	The Adaptation Planning Guide (APG) provides guidance to support regional and local communities in proactively addressing the unavoidable consequences of climate change. The APG provides a step-by-step process for local and regional climate vulnerability assessment and adaptation strategy development. Usage of the APG is meant to allow for flexibility in the commitment of time, money, and effort to suit the needs of the community.	http://resources.ca.gov/climate_adaptation/local_government/adaptation_policy_guide.html	CNRA CalOES	Multi	Local Regional
California Local Energy Assurance Planning (CaLEAP) Tool	Released	The goal of the California Energy Commission (CEC)-sponsored California Local Energy Assurance Planning (CaLEAP) project is to assist local governments with generating plans to become more energy resilient; ensuring the energy supply to “key assets.” Meeting this goal will help local governments prepare for, respond to, recover from and mitigate against potential emergencies that impact energy. CaLEAP will outline a planning process, and offer technical assistance to assist local governments with building local energy expertise and awareness of impacts and interdependencies, identify deficiencies and vulnerabilities, and explore energy choices, including alternative resources, that are reliable, safe, diverse, affordable, and environmentally acceptable.	http://www.caleap.org/index.php	CEC	Planning	Local
Integrating Public Health into CAPs	Released	This document introduces key health connections to climate change mitigation strategies, suggestions of where these fit into a CAP, a process for forging partnerships between planning and health organizations, links to data that will help planners identify and reference the existing health status of their jurisdiction, and supporting documentation, evidence, and resources. Additionally, we provide a number of examples of CAP strategies that integrate public health objectives, and health departments and community-based organizations that are making efforts to improve community health and reduce GHG emissions.	http://www.cdph.ca.gov/programs/CCD/PHP/Documents/CAPS_and_Health_Published3-22-12.pdf	CDPH	Public Health	Local State
Integrated Energy Policy Report	Released	Public Resources Code Section 25302 requires the Energy Commission to prepare an integrated energy policy report every two years for submittal to the Governor that provides an overview of major energy issues and trends facing California. The report makes energy policy recommendations based on the Energy Commission’s energy assessments and forecasts with the intent of conserving resources, protecting the environment, providing reliable energy, enhancing the state’s economy, and protecting public health and safety.	http://www.energy.ca.gov/2012_energy_policy/	CEC	Energy	State
Zero Emissions Vehicle (ZEV) Readiness Guidebook	Released	This Guidebook is created to provide ZEV information to local and regional governments, communities, and residents about planning and infrastructure, permit streamlining, general plans and zoning, greening the fleet, and incentives and outreach. Information is included on both plug-in electric vehicles and fuel cell vehicles. The Guidebook does not focus on alternative fuel efforts. The overarching goal of the Guidebook is to synthesize several existing ZEV publications into one easy-to-use resource. This is intended to be a living document that will be updated as new resources become available and as ZEV technology continues to develop.	http://cert1.mail-mst.com/y1F/011S/9hegp/1Sw4s9hrhh/kjeicgh611/35bq4/61Suqr	OPR	Transportation	State
MPO Adaptation Guidance	Released	This guide was designed to account for the varying capacities and resources among MPOs and RTPAs, featuring methods that can be used by organizations seeking to conduct a more sketch-level assessment of the risk and vulnerability of the regional transportation assets to climate impacts, or in-depth analysis that incorporates separate stakeholder processes and geospatial analyses. Currently, there is no requirement to date to incorporate climate adaptation into regional transportation planning. Nevertheless, this guide provides information and tools to help MPOs and RTPAs anticipate the incorporation of climate assessment and adaptation into future planning efforts.	http://www.dot.ca.gov/hq/tpp/offices/orip/climate_change/documents/FR3_CA_Climate_Change_Adaptation_Guide_2013-02-26.pdf	CalTrans	Transportation	Regional

Sea-Level Rise Guidance Revision	Released	This document provides guidance for incorporating sea-level rise (SLR) projections into planning and decision making for projects in California. This document was developed by the Coastal and Ocean Working Group of the California Climate Action Team (CO-CAT) in response to Governor Schwarzenegger's Executive Order S-13-08, issued on November 14, 2008, which directed state agencies to plan for sea-level rise and coastal impacts.	http://www.opc.ca.gov/webmaster/ftp/pdf/docs/2013_SLR_Guidance_Update_FINAL1.pdf	OPC	Coastal	Local Regional State
Electric Program Investment Charge Investment Plan	Released	The CPUC issued a decision establishing the Electricity Program Investment Charge (EPIC) program for the purpose of providing public funding for research and development, demonstration and deployment, and market facilitation projects (RD&D). The portion of the EPIC Program administered by the Energy Commission will provide funding for applied research and development, technology demonstration and deployment, and market facilitation for clean energy technologies and approaches for the benefit of ratepayers of Pacific Gas and Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company.	http://www.energy.ca.gov/research/epic/	CEC CPUC	Finance	State
Cap and Trade Investment Plan	Released	This document is the first investment plan for cap-and-trade auction proceeds. The purpose of this plan is to evaluate the opportunities for greenhouse gas emission reductions, and identify priority State investments to help achieve greenhouse gas reduction goals and yield valuable co-benefits. The plan reflects a balanced effort to address the major sources of climate change in California, while supporting investments in disadvantaged communities, job opportunities throughout the State, and the continued growth of California's economy.	http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/final_investment_plan.pdf	ARB	Finance	State
Geoportal Public Access	Released	The California Geoportal provides easy and convenient ways to search, discover and use geospatial data resources. A primary goal of the California Geoportal is to improve access to California's geographic data portfolio, and expand the creative use of those data resources. The California Geoportal strives to increase information transparency, and is committed to creating an open environment for accessing important government derived geographic data. The benefits derived from the California Geoportal will encourage information sharing, and promote efficiency and effectiveness in providing individuals and organizations timely and accurate geographic information for better and more informed decision making.	http://portal.gis.ca.gov/geoportal/catalog/main/home.page	CTA	Planning	Local Regional State
Extreme Heat Adaptation Guidance	Released	This Extreme Heat Adaptation Guidance document provides guidance for incorporating extreme heat projections into planning and decision making in California based on current climate change models. This guidance focuses on the human health aspects of increasing temperature in California, including longer and more frequent extreme heat events, which pose substantial additional risk of illness and death to the state's residents, especially to vulnerable populations. It also provides recommendations for consideration by state agencies related to extreme heat preparedness and response and to strategies for cooling the built environment and mitigating the effects of urban heat islands.	http://www.arb.ca.gov/cc/ab32publichealth/meetings/091012/extremeheatadaptationinterimguidance.pdf	CARB CDPH	Public Health/ Emergency Preparedness	Local Regional State
SEEC GHG Inventory and Forecast Tools Update	Released	SEEC resources and trainings are grouped into six categories that roughly parallel ICLEI's Five Milestones for Climate Mitigation, a proven, flexible process to address climate change currently being following by hundreds of local governments across the country. The six categories are: greenhouse gas inventories for local government operations, greenhouse gas inventories for community-scale emissions, forecasting and target-setting, climate action and energy planning, energy and climate action strategies, and measuring and reporting progress.	http://californiaseec.org/resources-guidance/resources-guidance-collection/#b_start=0	CARB OPR	Planning	Local

Indicators of Climate Change in California Report	Released	Indicators of Climate Change in California characterizes the multiple facets of climate change in California. The report tracks trends in greenhouse gas levels that influence climate, changes in the state's climate, and the impacts of climate change on California's environment and people. The report does this by bringing together and displaying large amounts of scientific data as "indicators". These indicators rely on monitoring and research activities carried out by state and federal agencies, universities, and other research institutions.	http://oehha.ca.gov/multimedia/epic/pdf/ClimateChangeIndicatorsReport2013.pdf	CalEPA	Multi	State
State Hazard Mitigation Plan Update	Released	The State Hazard Mitigation Plan (SHMP) represents California's primary hazard mitigation guidance document and provides an updated and comprehensive description of the state's historical and current hazard analysis, mitigation strategies, goals and objectives. The SHMP reflects the state's commitment to reducing, preventing or eliminating potential risks and impacts of natural and human-caused disasters in keeping our families, homes, businesses, communities, and visitors to California, as safe as possible.	http://hazardmitigation.calema.ca.gov/plan/state_multi-hazard_mitigation_plan_shmp	CalEMA	Emergency Preparedness	Local State
California Water Plan Update	Released	The California Water Plan provides a collaborative planning framework for elected officials, agencies, tribes, water and resource managers, businesses, academia, stakeholders, and the public to develop findings and recommendations and make informed decisions for California's water future. The plan, updated every five years, presents the status and trends of California's water-dependent natural resources; water supplies; and agricultural, urban, and environmental water demands for a range of plausible future scenarios. The California Water Plan also evaluates different combinations of regional and statewide resource management strategies to reduce water demand, increase water supply, reduce flood risk, improve water quality, and enhance environmental and resource stewardship.	http://www.waterplan.water.ca.gov/cwpu2013/ae/index.cfm	DWR	Water	State
Climate Action Plan Technical Advisory	Released	OPR is currently developing a Technical Advisory that will provide guidance on specific topics related climate action planning and the use of plans for the reduction of greenhouse gases in a CEQA analysis.	http://opr.ca.gov/s_ceqaandclimatechange.php	OPR	Planning	Local State
Governor's Initiative Americorp Program	Released	An Americorp program designed to provide local and regional organizations with members to support action on climate change, energy efficiency, and renewables.	Website pending	OPR	Multi	Local Regional
Climate Change 3rd Assessment Report	Released	The State's third major assessment on climate change explores local and statewide vulnerabilities to climate change, highlighting opportunities for taking concrete actions to reduce climate-change impacts. It offers crucial new insights for the energy, water, agriculture, public health, coastal, transportation, and ecological resource sectors that are vital to California residents, businesses and government leaders.	http://climatechange.ca.gov/climate_action_team/reports/climate_assessments.html	CEC	Multi	Local State
Climate Change Consortium for Specialty Crops Report	Pending	This report is a summary of recommendations and suggested actions for agricultural adaptation to climate change identified by the Climate Change Consortium (CCC). The CCC consisted of 21 members. The members were growers from the top ten specialty crops in California, university researchers, agricultural support personnel (e.g., Ag Commissioner and Pesticide Control Advisor) and representatives from several agricultural groups/associations. The Consortium was asked to evaluate climate change impacts and to propose potential strategies for adaptation so that California agriculture and CDFA can prepare for impacts. The report is a summary of the meetings, scientific information on climate change impacts to agriculture, and a list of recommendations for CDFA to implement. The report is currently under Executive Office review.	Website pending	CDFA	Agriculture	Local Regional State
General Plan Guidelines Update	Pending	The 2013 update to the General Plan Guidelines (GPG) is evaluating the best ways to provide policy guidance in a user-friendly, online format and will explore the feasibility of creating templates to reduce the time and cost of updating a general plan. The GPG 2013 will be a resource for decision-makers, planners, and the public for the development and implementation of local general plans. It will provide guidance on general plan statutory requirements, consolidate General Plan Guidelines supplements, and provide advice on how the general plan can address contemporary planning issues.	http://opr.ca.gov/docs/GPG_2013_One_Pager.pdf	OPR	Planning	Local

Desert Renewable Energy Conservation Plan	Pending	The Desert Renewable Energy Conservation Plan (DRECP), a major component of California's renewable energy planning efforts, will help provide effective protection and conservation of desert ecosystems while allowing for the appropriate development of renewable energy projects. The DRECP is focused on the desert regions and adjacent lands of seven California counties. The DRECP will result in an efficient and effective biological mitigation and conservation program providing renewable project developers with permit timing and cost certainty under the federal and California Endangered Species Acts while at the same time preserving, restoring and enhancing natural communities and related ecosystems.	http://drecp.org/index.html	CEC CDFW	Energy	State Federal
Sea-Level Rise Guidance LCPs and CDPs	Pending	Proposed LCPs and CDPs guidelines to incorporate sea level rise and the impacts of climate change into the Coastal Commission's decision making framework.	Website pending	Coastal Commission	Coastal	Local Regional State
CEQA Guidelines Update	Pending	OPR is currently soliciting input into what revisions, if any, should be made to the Guidelines Implementing CEQA. The CEQA Guidelines reflect the requirements set forth in the Public Resources Code, as well as court decisions interpreting the statute and practical planning considerations. Among other things, the CEQA Guidelines explain how to determine whether an activity is subject to environmental review, what steps are involved in the environmental review process, and the required content of environmental documents. The CEQA Guidelines apply to public agencies throughout the state, including local governments, special districts, and state agencies.	http://opr.ca.gov/s_cegaguidelines.php	OPR	Planning	Local State
Energy Efficiency Strategic Plan	Pending	The Long Term Energy Efficiency Strategic Plan presents a single roadmap to achieve maximum energy savings across all major groups and sectors in California. This comprehensive Plan for 2009 to 2020 is the state's first integrated framework of goals and strategies for saving energy, covering government, utility, and private sector actions, and holds energy efficiency to its role as the highest priority resource in meeting California's energy needs.	http://www.cpuc.ca.gov/PUC/energy/Energy+Efficiency/eesp	CPUC	Energy	Local State
CalAdapt Update	Pending	Cal-Adapt is a web-based climate adaptation planning tool. Cal-Adapt allows the user to identify potential climate change risks in specific geographic areas throughout the state. Users can either query by location, or click on an interactive map to explore what climate impacts are projected to occur in their area of interest.	http://cal-adapt.org/	CNRA CEC	Multi	Local Regional State
Climate Change 4th Assessment Report	Pending	Scoping is in process with expected completion in 2016.	http://climatechange.ca.gov/climate_action_team/reports/climate_assessments.html	CEC	Multi	Local State
DWR Climate Action Plan	Pending	DWR in an effort to reduce its impact on the environment and lead by example has developed and approved a Department-wide Climate Action Plan. The first phase of this Climate Action Plan is a Greenhouse Gas Emissions Reduction Plan, which will guide project development and decision making with respect to energy use and GHG emissions. This Plan shows how DWR will make substantial reductions in its GHG emissions in the near-term (present to 2020) and how it will continue to reduce emissions beyond 2020 to achieve its long-term (2050) GHG emissions reduction goals. To this end, the Plan lays out both near-term and long-term GHG emissions reduction goals to guide decision making through 2050.	http://www.water.ca.gov/climatechange/CAP.cfm	DWR	Energy	State
State Wildlife Action Plan	Pending	The State Wildlife Action Plan examines the health of wildlife and prescribes actions to conserve wildlife and vital habitat before they become more rare and more costly to protect. The plan also promotes wildlife conservation while furthering responsible development and addressing the needs of a growing human population. The update will use an ecosystem approach to manage California's diverse habitat and species creating a blueprint for conservation actions, and a flexible process for responding to the highest priorities. Most importantly, the update will identify initiatives needed to conserve species and habitats on an ecoregional basis with effective actions.	http://www.dfg.ca.gov/SWAP/SWAP-2015-Update-Vision.pdf	CDFW	Wildlife	Local State

California's Forests and Rangelands Assessment Update	Pending	The intent of the Forest and Range Assessment is to meet both the state and federal mandates, hence it covers both forest and rangeland resources, on private as well as publically managed lands. In many ways, this assessment portrays a continuation of past trends of impacts from wildfire, development, forest pests, and exotic invasive species. However, there are also relatively new or markedly increasing potential threats from renewable energy infrastructure, off highway vehicle use, and climate change.	http://frap.fire.ca.gov/assessment/assessment2010/assessment2010.html	CalFire	Forests	Local Regional State
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