

OPR's Integrated Climate Adaptation and Resiliency Program (ICARP) is responsible for coordinating and maintaining the State Adaptation Clearinghouse (PRC 71360). This document hosts climate change related executive orders, legislation, regulations and guidance that is applicable to the ICARP mandate. This document is an evolving resource OPR will be updating as new resources and information become available. OPR is collaborating with State agency partners, local and regional governments, and communities across the state to provide relevant and timely resources that advance climate adaptation and resiliency efforts throughout the state and beyond. This resource is hosted as a PDF that will be updated regularly at the [ICARP website](#) to respond to the most current policy guidance.

Please send any policy and/or guidance documents you would like to have added onto OPR's Climate Adaptation Clearinghouse to [icarp@opr.ca.gov](mailto:icarp@opr.ca.gov).

<b>Climate Adaptation Policy and Guidance Documents</b>		
<i>Title of Resource</i>	<i>Origin and Use</i>	<i>Website</i>
2013 - Addressing Climate Change Adaptation in Regional Transportation Plans: <i>A Guide for California MPOs and RTPAs</i>	California Department of Transportation (CalTrans)	<a href="http://www.dot.ca.gov/hq/tpp/offices/orip/climate_change/documents/FR3_CA_Climate_Change_Adaptation_Guide_2013-02-26_.pdf">http://www.dot.ca.gov/hq/tpp/offices/orip/climate_change/documents/FR3_CA_Climate_Change_Adaptation_Guide_2013-02-26_.pdf</a>
Guidance on Incorporating Sea Level Rise: For use in the planning and development of Project Initiation Documents	California Department of Transportation (CalTrans)	<a href="http://www.dot.ca.gov/ser/downloads/sealevel/guide_incorp_slr.pdf">http://www.dot.ca.gov/ser/downloads/sealevel/guide_incorp_slr.pdf</a>
2009 California Climate Adaptation Strategy	California Natural Resources Agency (CNRA)	<a href="http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf">http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf</a>
July 2012 Adaptation Planning Guide	California Emergency Management Agency, California Natural Resources Agency	<a href="http://resources.ca.gov/docs/climate/01APG_Planning_for_Adaptive_Communities.pdf">http://resources.ca.gov/docs/climate/01APG_Planning_for_Adaptive_Communities.pdf</a>
2014 Safeguarding California Plan (California's Adaptation Strategy)	California Natural Resources Agency (CNRA)	<a href="http://resources.ca.gov/docs/climate/Final_Safeguarding_CA_Plan_July_31_2014.pdf">http://resources.ca.gov/docs/climate/Final_Safeguarding_CA_Plan_July_31_2014.pdf</a>
2016 Safeguarding California: Implementation Action Plans	California Natural Resources Agency (CNRA)	<a href="http://resources.ca.gov/docs/climate/safeguarding/Safeguarding%20California-Implementation%20Action%20Plans.pdf">http://resources.ca.gov/docs/climate/safeguarding/Safeguarding%20California-Implementation%20Action%20Plans.pdf</a>
State of California Sea-Level Rise Document	Ocean Protection Council (OPC)	<a href="http://www.opc.ca.gov/webmaster/ftp/pdf/docs/2013_SLR_Guidance_Update_FINAL1.pdf">http://www.opc.ca.gov/webmaster/ftp/pdf/docs/2013_SLR_Guidance_Update_FINAL1.pdf</a>
2017 Update to the General Plan Guidelines	Governor's Office of Planning and Research	<a href="https://www.opr.ca.gov/s_generalplanguidelines.php">https://www.opr.ca.gov/s_generalplanguidelines.php</a>
Adaptation Planning Guide: Defining Local and Regional Impacts	California Emergency Management Agency, California Natural Resources	<a href="http://resources.ca.gov/docs/climate/APG_Defining_Local_and_Regional_Impacts.pdf">http://resources.ca.gov/docs/climate/APG_Defining_Local_and_Regional_Impacts.pdf</a>

	Agency	<a href="#">I Impacts.pdf</a>
Adaptation Planning Guide: Understanding Regional Characteristics	California Emergency Management Agency, California Natural Resources Agency	<a href="http://resources.ca.gov/docs/climate/APG_Understanding_Regional_Characteristics.pdf">http://resources.ca.gov/docs/climate/APG_Understanding_Regional_Characteristics.pdf</a>
Adaptation Planning Guide: Identifying Adaptation Strategies	California Emergency Management Agency, California Natural Resources Agency	<a href="http://resources.ca.gov/docs/climate/APG_Identifying_Adaptation_Strategies.pdf">http://resources.ca.gov/docs/climate/APG_Identifying_Adaptation_Strategies.pdf</a>

<b>Climate Adaptation Legislation and Executive Orders</b> <b>For additional information please see the climate change portal's page on executive orders, legislation and regulation. &lt; <a href="http://www.climatechange.ca.gov/state/mandates.html">http://www.climatechange.ca.gov/state/mandates.html</a>&gt;</b>		
<i>Action</i>	<i>Agency Responsible</i>	<i>Source of Authority</i>
Update the state's climate adaptation strategy on July 1, 2017, and every three years thereafter. A public draft of the plan must be released six months prior.	California Natural Resources Agency (CNRA)	AB 1482, Public Resources Code 71153
Annually report to the Legislature on actions taken.	California Natural Resources Agency (CNRA)	AB 1482, Public Resources Code Section 71153
Direct planning and track implementation of "Safeguarding California," the 2014 climate adaptation strategy.	California Natural Resources Agency (CNRA)	Executive Order B-30-15
Designate a lead agency for adaptation efforts in each sector	California Natural Resources Agency (CNRA)	Executive Order B-30-15
Sea-level rise planning and coordination	California Natural Resources Agency (CNRA)	AB 2516
Administer the Integrated Climate Adaptation and Resiliency Program (ICARP) to coordinate regional and local efforts with state climate adaptation strategies.	California Governor's Office of Planning and Research (OPR)	SB 246, Public Resources Code 71354
Establish a Technical Advisory Council to facilitate coordination among state, regional, and local agency efforts to adapt to the impacts of climate change.	California Governor's Office of Planning and Research (OPR)	SB 246, Public Resources Code 71358
Establish a clearinghouse of climate adaptation information for use by state, regional, and local entities.	California Governor's Office of Planning and Research (OPR)	SB 246, Public Resources Code 71360
Establish a technical advisory group to help state agencies incorporate climate change impacts into planning and investment decisions. State agencies' planning and investment	California Governor's Office of Planning and Research (OPR)	Executive Order B-30-15

<p>shall be guided by the following principles:</p> <ul style="list-style-type: none"> <li>• Priority should be given to actions that both build climate preparedness and reduce greenhouse gas emissions</li> <li>• Where possible, flexible and adaptive approaches should be taken to prepare for uncertain climate impacts</li> <li>• Actions should protect the state's most vulnerable populations</li> <li>• Natural infrastructure solutions should be prioritized.</li> </ul>		
Provide advice in the General Plan Guidelines to assist in addressing climate impacts in general plans.	California Governor's Office of Planning and Research (OPR)	SB 379, Government Code 65302
Within one year of an update to the Safeguarding California Plan, the Office of Emergency Services, in coordination with the Natural Resources Agency, the Office of Planning and Research, and relevant public and private entities, shall review and update the Adaptation Planning Guide as necessary.	California Governor's Office of Emergency Services (CalOES)	SB 246, Public Resources Code 71356
Consult and advise local governments on the review and update of the safety element of their general plans and/or their local hazard mitigation plan on the required incorporation of climate adaptation and resiliency strategies.	California Governor's Office of Emergency Services (CalOES)	SB 379, Government Code 65302
Coordinate climate, infrastructure, and land use policy.	Strategic Growth Council	Gov. code?
Incorporate climate impacts into the state's Five-Year Infrastructure Plan.	Strategic Growth Council	Executive Order B-30-15; AB 1482 Government Code 75125
Coordinate climate policy through the Climate Action Team.	California Environmental Protection Agency	
To address the vulnerabilities identified	All State Agencies	AB 1482

<p>in the plan, state agencies shall work to maximize, where applicable and feasible, the following objectives:</p> <p>(a) Educating the public about the consequences of climate change, such as sea-level rise, extreme weather events, the urban heat island effect, habitat loss, wildfire, drought, threats to infrastructure and agriculture, worsening air and water quality, and public health impacts.</p> <p>(b) Ensuring there is a continued repository for scientific data on climate change and climate adaptation in the state in order to facilitate educated state and local policy decisions and to help identify primary risks from climate change to residents, property, communities, and natural systems across the state.</p> <p>(c) (1) Promoting the use of the plan to inform planning decisions and ensure that state investments consider climate change impacts, as well as promote the use of natural systems and natural infrastructure, when developing physical infrastructure to address adaptation.</p> <p>(2) When developing infrastructure to address adaptation, where feasible, a project alternative should be developed that utilizes existing natural features and ecosystem processes or the restoration of natural features and ecosystem processes to meet the project’s goals.</p> <p>(3) For purposes of this subdivision, “natural infrastructure” means the preservation or restoration of ecological systems or the utilization of engineered systems that use ecological processes to increase resiliency to climate change, manage other environmental hazards, or both. This may include, but need not be limited to, flood plain and wetlands restoration or preservation, combining levees with restored natural systems to reduce flood risk, and urban tree planting to mitigate high heat days.</p> <p>(d) Encouraging regional collaborative</p>		
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<p>planning efforts to address regional climate change impacts and adaptation strategies.</p> <p>(e) Promoting drought resiliency through an integrated water supply, delivery, and capture system that is coordinated and that can be resilient to a multiyear drought scenario while protecting water quality and the public health. Establishing both drought preparation programs, which will help create sustainable water systems in the future, and immediate drought response programs, which will reduce water demand or increase supply within one to five years of any declared drought.</p> <p>(f) Building resilient communities by developing urban greening projects that reduce air pollution and heat reflection in urban areas and create livable, sustainable communities in urban cores to promote infill development and reduce greenhouse gas emissions.</p> <p>(g) Protecting and enhancing habitat, species strongholds, and wildlife corridors that are critical to the preservation of species that are at risk from the consequences of climate change.</p> <p>(h) Promoting actions to ensure healthy soils and sustainable agriculture; inform reliable transportation planning; improve emergency management response across sectors; ensure sufficient, reliable, and safe energy; improve capacity to reduce and respond to public health threats; address the impacts of climate change on disadvantaged communities; and protect cultural resources from the impacts of climate change.</p>		
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