



AB-1384 Resiliency Through Adaptation, Economic Vitality, and Equity Act of 2022

- » Requires the California Natural Resources Agency (CNRA) to release a draft of the state's climate adaptation strategy, the Safeguarding California Plan, by January 1, 2024, and every 3 years thereafter, and to update the plan by July 1, 2024, and every 3 years thereafter.
- » Requires CNRA to coordinate with the Office of Planning and Research (OPR) to identify climate change vulnerabilities for vulnerable communities, an operational definition of "climate resilience" for each sector and for vulnerable communities, special protections of vulnerable communities and industries that are disproportionately impacted by climate change, opportunities to improve policy and budget coordination across jurisdictions, and timetables and specific metrics to measure and evaluate the state's progress in implementing the plan.
- » Requires state agencies to maximize the objective of prioritizing equity by ensuring public expenditures that address climate change adaptation prioritize protecting vulnerable communities, rectifying intersectional and systemic inequalities, and enhancing low-income and vulnerable communities' abilities to weather the impacts of climate change.
- » Authorizes the Treasurer and the financial authorities the Treasurer chairs to assist state agencies by leveraging public and private capital investment to help with loans and other incentives to attain the goals established pursuant to these provisions.

AB-1445 Planning and Zoning: Regional Housing Need Allocation: Climate Change Impacts

- » Commencing January 1, 2025, requires a council of governments or a delegate subregion to consider including emergency evacuation route capacity, wildfire risk, sea level rise, and other impacts caused by climate change in developing their methodology for distributing the existing and projected housing need.

AB-1902 Resource Conservation: Resource Conservation Districts

- » Authorizes a resource conservation district to be formed to provide resource conservation services for the protection, conservation, restoration, or enhancement of natural resources, as provided.
- » Authorizes a resource conservation district to, with the consent of the owner, construct on privately or publicly owned lands any necessary works for the protection, conservation, restoration, or enhancement of natural resources, the improvement or enhancement of adaptation or resilience to climate change, or the mitigation or sequestration of carbon emissions, and to develop and implement projects and programs for the conservation, enhancement, restoration, adaptation, and resilience of soil, water, and biodiversity and related natural resource conservation.
- » Authorizes the Department of Conservation to serve as a state-level liaison with resource conservation districts, advise public agencies on the issues of conservation, administer local assistance programs including grants and contracts, and provide various forms of assistance to resource conservation districts.

AB-2238 Extreme Heat: Statewide Extreme Heat Ranking System

- » Requires the California Environmental Protection Agency (CalEPA), by January 1, 2025, to develop a statewide extreme heat ranking system in coordination with the Integrated Climate Adaptation and Resilience Program (ICARP), the California Department of Public Health, and the Department of Insurance.
- » Require the Department of Insurance, by July 1, 2024, to develop a study of past extreme heat events and the effectiveness of insurance coverages to prevent losses or help communities plan public health initiatives related to combating the effects of extreme heat, insurance options that will support specified adaptation, preparedness, and resilience measures, and recommendations for overcoming barriers encountered by local governments that are trying to use insurance or other financing tools to fund or support heat risk mitigation or adaptation strategies.
- » Requires ICARP to develop a public communication plan for the statewide extreme heat ranking system, recommend partnerships with local health departments and local and tribal governments, and develop statewide guidance for local and tribal governments in the preparation and planning for extreme heat events, and review the heat ranking system.

AB-2287 California Ocean Resources Stewardship Act of 2000

- » Renames the California Ocean Trust to the California Ocean Science Trust.
- » Authorizes the trust to administer grants and expenditures of the trust for specified purposes from private and public fund sources, including, but not limited to, direct appropriations from the annual Budget Act and block grants from state agencies with relevant need for coordination and engagement with the trust.
- » Authorizes the trust to engage with scientific experts to gain knowledge, solutions, and recommendations for the purpose of developing and providing peer reviews, technical guidance, or scientific reports and analyses to state agencies and departments with relevant needs.

AB-2344 Wildlife Connectivity: Transportation Projects

- » Requires the Department of Transportation (Caltrans), in consultation with the California Department of Fish and Wildlife (CDFW), no later than July 1, 2024, to develop and publish an inventory of connectivity needs on the state highway system where the implementation of wildlife passage features could reduce wildlife-vehicle collisions or enhance wildlife connectivity, and a list of funded transportation projects with wildlife passage features that address wildlife connectivity needs. Requires Caltrans to update the inventory and project list at least once every 2 years.
- » Requires Caltrans, for any project on the state highway system in a connectivity area that adds a traffic lane or that has the potential to significantly impair wildlife connectivity, to perform an assessment to identify potential wildlife connectivity barriers and any needs for improved permeability. Requires Caltrans to submit the assessment to CDFW and, if any structural barrier to wildlife connectivity exists or will be added by the project for target species in the connectivity area, requires the implementing agency to remediate barriers to wildlife connectivity in conjunction with the project.
- » Establishes the Transportation Wildlife Connectivity Remediation Program, to be administered by Caltrans, in consultation with CDFW, for the purposes of improving wildlife connectivity across transportation systems in connectivity areas.
- » Requires Caltrans to update the Highway Design Manual, by July 1, 2025, to incorporate design concepts for wildlife passage features and related standard plans and specifications.

AB-2420 Perinatal and Infant Children Health: Extreme Heat

- » Subject to an appropriation of funds by the Legislature, requires the California Department of Public Health (CDPH), in consultation with subject matter experts, to review available literature on adverse effects of extreme heat on perinatal health, develop guidance for safe conditions and health considerations for pregnant individuals and infant children who may be exposed to extreme heat, and make guidance accessible to medical and community-based health care organizations.
- » Requires CDPH to submit a report to the Legislature that includes legislative or policy recommendations on best practices for connecting perinatal patients with the appropriate health and well-being information relating to extreme heat.

AB-2645 Local Emergency Plans: Integration of Access and Functional Needs: Community Resilience Centers

- » Requires counties to integrate access and functional needs into their emergency plans, upon the plan's next update, by addressing how the "access and functional needs population" is being served by emergency communications, evacuation, and sheltering.
- » Requires emergency plans to include the identification of ADA-compliant transportation resources for individuals who are dependent on public transportation; integrate evacuation and transportation plans to account for local community resilience centers; ensure that local community resilience centers are prepared to serve as communitywide assets during extreme heat events and other disasters; and designate available locations that may be necessary to provide respite to individuals during emergencies, including, but not limited to, extreme heat, cold, or unhealthy air incidents.
- » Requires emergency plans, with regard to emergency sheltering, to also integrate sheltering and transportation plans to account for transportation between community resilience centers and shelters.

AB-2805 Department of Fish and Wildlife: Advance Mitigation and Regional Conservation Investment Strategies

- » Require a regional conservation investment strategy, in order to create a mitigation credit, to include an outline for adaptive management and monitoring of conserved habitat and a process to track and evaluate conservation actions and habitat enhancement actions of the strategy.
- » Establishes the Fish and Wildlife Regional Conservation Investment Strategy Program Fund in the state treasury and authorizes the California Department of Fish and Wildlife (CDFW) to collect fees or other compensation from a federally recognized tribe, in addition to a public agency, that proposes a regional conservation strategy or assessment, and directs CDFW to deposit these and the mitigation credit agreement fees into the fund.
- » Makes additional updates and revisions to the Regional Conservation Investment Strategies (RCIS) program, including explicitly incorporating federally recognized tribes into the program, authorizing stand-alone regional conservation assessments (RCAs), revamping statutory requirements related to mitigation credit agreements (MCAs), and removing the existing cap on the number of RCISs.

SB-852 **Climate Resilience Districts: Formation: Funding Mechanisms**

- » Authorizes a city, county, special district, or combination of these entities to form a climate resilience district for the purpose of raising and allocating funding for eligible projects designed to address climate change mitigation, adaptation or resilience. Defines eligible projects as projects, including capital projects, that address sea level rise, extreme heat, extreme cold, drought, and the risk of wildfire and flooding.
- » Authorizes climate resilience districts, as enhanced infrastructure financing districts, to levy a benefit assessment, special tax, property-related fees, or other fees in accordance with statutory requirements; apply for and receive grants from federal and state agencies; solicit and accept gifts, fees, grants, and allocations from public and private entities; and enter into and perform all necessary contracts.
- » Requires districts to give priority to projects that utilize natural infrastructure and address the needs of under-resourced communities and to seek community input in the planning, development, and implementation of projects.
- » Deems the Sonoma County Regional Climate Protection Authority a climate resilience district.

SB-1205 **Water Rights: Appropriation**

- » Requires the State Water Resources Control Board to develop and adopt regulations to govern consideration of climate change effects in water availability analyses used in the board's review of applications for water rights permits.
- » Requires the Board to consider the effects of climate change upon water hydrology in developing and adopting regulations, including drought extremes, floods, and groundwater-surface water interactions.
- » Requires the Board to consult with the Department of Water Resources, the Department of Fish and Wildlife, and qualified hydrologists and climate change scientists, potential applicants, and other interested parties in preparing the regulations.



Summary (\$ in millions)

FUNDING CATEGORY	TOTAL
Extreme Heat	\$465
Wildfires and Forest Resilience	\$1,300
Drought and Water Resilience	\$3,585
Nature-Based Solutions	\$1,117
Sea Level Rise (from Cap and Trade)	\$155
TOTAL INVESTMENTS (\$ in Millions)	\$6,662

Extreme Heat (\$ in millions)

DEPARTMENT	PROGRAM	22-23	23-24	MULTIYEAR TOTAL
Cool Communities				
SGC	Community Resilience Centers	\$85	\$85	\$170
SGC	Community Resilience and Heat Program	\$25	\$50	\$75
CAL FIRE	Green Schoolyards (Urban Forestry)	\$117	\$33	\$150
Protecting Vulnerable Populations and Ecosystems				
CSD	Farmworker Low-Income Weatherization Program	\$15	-	\$15
CDPH	Enhanced Protections for Vulnerable Populations	\$3	-	\$3
Department of Industrial Relations	Enhanced Protections for Vulnerable Populations	\$8	\$8	\$16
DSS	Enhanced Protections for Vulnerable Populations	\$2.75	\$5.75	\$8.5
CDFA	Animal Mortality Management Program	\$0.6	\$0.6	\$1.2
CDFA	Origin Inspection Program	\$0.25	\$0.25	\$0.5
Department of Pesticide Regulation	Integrated Pest Management Technical Assistance	\$1.075	\$1.575	\$2.65
Increasing Public Awareness				
OPR	Community-Based Public Awareness Campaign	\$6	\$14	\$20
TOTAL INVESTMENTS (\$ in Millions)		\$265	\$200	\$465

Wildfires and Forest Resilience (\$ in millions)

DEPARTMENT	PROGRAM	2022 PACKAGE Over two years
Resilient Forests and Landscapes		
CAL FIRE	Forest Health	\$240
CAL FIRE	Forest Improvement Program for Small Landowners	\$25
CAL FIRE	Forest Legacy	\$33
CAL FIRE	Nursery	\$4
CAL FIRE	Urban Forestry	\$30
CAL FIRE	Tribal Engagement	\$20
CAL FIRE	Post-Fire Reforestation and Regeneration	\$100
<i>Various</i>	Stewardship of State-Owned Land	\$130
Wildfire Fuel Breaks		
CAL FIRE	CAL FIRE Unit Fire Prevention Projects	\$40
CAL FIRE	Fire Prevention Grants	\$232
CAL FIRE	Prescribed Fire and Hand Crews & Contract Counties	\$70
Conservation Corps	Fuel Reduction Crews	\$40
Community Hardening		
Cal OES & CAL FIRE	Home Hardening	\$25
CAL FIRE	Defensible Space Inspectors	\$10
CAL FIRE & University of California	Land Use Planning and Public Education Outreach	\$9
Regional Capacity		
DOC	Regional Forest Capacity	\$40
Conservancies	Project Implementation in High-Risk Regions	\$170
Science-Based Management		
CAL FIRE	State Demonstration Forests	\$10
CAL FIRE	Monitoring and Research	\$15
CNRA	LiDAR Remote Sensing	\$5
CARB & State Water Board	Prescribed Fire and Water Permitting	\$8
Economic Development of the Forest Sector		
CAL FIRE	Workforce Training	\$30
CAL FIRE	Transportation Grants for Woody Material	\$10
OPR	Market Development	\$4
TOTAL INVESTMENTS (\$ in Millions)		\$1,300

Drought and Water Resilience (\$ in millions)

DEPARTMENT	PROGRAM	2022 PACKAGE Total
Immediate Drought Support		
DWR	Small Water Suppliers Drought Relief & Urban Water Management Grants	\$300
State Water Board	Water Rights Modernization and Drought Resilience	\$61
CDSS	Drought Food Assistance	\$23
<i>Various</i>	Data, Research, and Communications	\$142
<i>Various</i>	Drought Technical Assistance and Emergency Drought Response	\$176
<i>Various</i>	Drought Permitting, Compliance, Curtailments and Water Right Enforcement	\$8
Drinking Water, Water Supply and Reliability, Flood		
State Water Board	Drinking Water/Wastewater Infrastructure and State Revolving Fund	\$400
State Water Board	PFA's Support	\$100
State Water Board	Water Recycling	\$400
DWR	Water Storage	\$500
DWR	Flood and Dam Safety	\$100
DWR	Aqueduct Solar Panel Pilot Study	\$15
Conservation/Agriculture		
DWR	SGMA Implementation	\$56
DWR	Agriculture and Delta Drought Response Programs	\$60
CDFA	Relief for Small Farmers	\$25
CDFA	On-farm Water Use and Agriculture Technical Assistance	\$15
CDFA	State Water Efficiency and Enhancement Program	\$60
DOC	Multi-benefit Land Repurposing	\$40
<i>Various</i>	Water Conservation Programs (Small and Urban) and Turf Replacement	\$185
Habitat/Nature-Based Solutions		
DFW/DWR	Fish and Wildlife Protection	\$175
DFW/DWR	Improving Drought Resiliency on State-Owned Land and Migratory Bird Habitat	\$25
DFW/DWR	Studying Salmon and Tribal Co-Management Activities	\$7.3
DFW/DWR	Climate Induced Hatchery Upgrades	\$17
DWR	Aquatic Habitat and Drought Resilience and Expediting Large Scale Habitat	\$149
<i>Various</i>	Additional Nature-Based Solutions and Watershed Resilience	\$545
TOTAL INVESTMENTS (\$ in Millions)		\$3,585

Nature-Based Solutions (\$ in millions)

DEPARTMENT	PROGRAM	22-23	23-24	24-25	MULTIYEAR TOTAL
Nature-Based Solutions Program					
WCB	Forest Conservation	\$150	\$95	-	\$245
	Oak Woodlands Conservation				
	California Desert Conservation				
	Rangeland, Grazing Land and Grassland Protection				
	California Riparian Habitat Conservation				
	Natural and Working Lands Climate Adaptation and Resiliency				
DFW	Nature-Based Solutions Wetlands Restoration	\$54	-	-	\$54
Delta Conservancy	Nature-Based Solutions Wetlands Restoration	\$36	-	-	\$36
DOC	Multi-benefit Land Repurposing	-	\$20	-	\$20
CDFA	Healthy Soils Program	-	-	\$10	\$10
Supporting Regional Action					
State Conservancies	Support for Nature-Based Solutions	\$70	\$100	-	\$170
DFW & Santa Monica Mountains Conservancy	Wildlife Corridors (including Liberty Canyon)	\$52	-	-	\$52
DFW	Natural Community Conservation Planning and Land Acquisition	\$36	-	-	\$36
DOC	Climate Smart Land Management	\$14	\$6	-	\$20
WCB	Resource Conservation Investment Strategies	\$2	\$3	-	\$5
Expanding Educational and Economic Opportunities					
Conservation Corps	Local and Tribal Nature-Based Solutions Corps	\$38	\$11	-	\$49
Partnering with California Native American Tribes					
CNRA	Tribal Nature-Based Solutions Program	\$70	\$30	-	\$100
CNRA	Tribal Nature-Based Solutions Staffing	\$1	\$1	\$1	\$3
Additional Strategic Investments					
CalRecycle	Compost Permitting Pilot Program	\$7.5	-	-	\$7.5
CNRA	Nature-Based Solutions Partnerships and Improvements	\$2	-	-	\$2
CNRA	CA Nature Support	\$0.25	\$0.25	-	\$0.5
WCB	Redondo Beach Wetlands Restoration	\$10	-	-	\$10
WCB	San Joaquin Valley Flood Plain Restoration	\$40	-	-	\$40
SCC	San Francisco Bay Wetlands Support	\$11	-	-	\$11
SCC & OPC	Sea Level Rise	\$75	\$152	\$19	\$246
TOTAL INVESTMENTS (\$ in Millions)		\$669	\$428	\$20	\$1,117

Cap and Trade* (\$ in millions)

DEPARTMENT	PROGRAM	2022-23
Coastal Conservancy / OPC	Sea Level Rise	\$155
TOTAL INVESTMENTS (\$ in Millions)		\$155

*Discretionary funding; does not include baseline support items for various departments. Only includes climate-adaptation-related allocations in the Cap and Trade section of the State's 2022-23 Budget.

Visit bit.ly/CCEC-2022-Update for a companion resource by the California Climate and Energy Collaborative (CCEC) that highlights energy- and mitigation-related bills and budget allocations.