

Acronym	Full Name/Title	Details
AB	Assembly Bill	
AAAS	American Academy for the Advancement of Science	AAAS is an international non-profit organization dedicated to advancing science around the world by serving as an educator, leader, spokesperson and professional association
AR	atmospheric rivers	
B-120	Bulletin 120	forecast of snowmelt runoff
BCDC	Bay Conservation and Development Commission	
BDCP	Bay Delta Conservation Plan	
BDO	Bay Delta Office	
BMP	best management practices	
C4	CEQA Climate Change Committee	
CAISO	California Independent System Operator	
CalClim	California Climate Data Archive	
CalSim	Water Resources Simulation Model	
CAP	Climate Action Plan	
CARB	California Air Resources Board	
CAT	Climate Action Team	
CC	climate change	
CCCC	California Climate Change Center	
CCLU-In	Climate Change Land Use and Infrastructure	CAT subgroup
CCS	carbon dioxide capture and storage	
CCTAG	Climate Change Technical Advisory Group	
CDEC	California Data Exchange Center	
CDIAC	Carbon Dioxide Information Analysis Center	US DOE
CEC	California Energy Commission	
CEQ	Council on Environmental Quality	
CEQA	California Environmental Quality Act	
CESA	California Endangered Species Act	
CFC	chlorofluorocarbons	greenhouse gases covered under the 1987 Montreal Protocol
cfs	cubic feet per second	

CO2	carbon dioxide	a naturally occurring gas, and also a byproduct of burning of fossil fuels and biomass, as well as land-use changes and other industrial processes
CO2e	carbon dioxide equivalent	a metric measure used to compare the emissions from various greenhouse gases based on their global warming potential (GWP)
CPUC	California Public Utilities Commission	
CSC	Computer Sciences Corporation	
CVFMP	Central Valley Flood Management Program	
CVFPP	Central Valley Flood Protection Program	
CVP	Central Valley Project	
DDF	depth duration frequency	
DHHS	Department of Health and Human Services	
DOE	Department of Energy	
DOI	Department of the Interior	
DOT	Department of Transportation	
EIR	Environmental Impact Report	CEQA
EIS	Environmental Impact Statement	NEPA
ENSO	El Nino Southern Oscillation	
EO	Executive Order	
EPA	Environmental Protection Agency	
EPP	Environmentally Preferable Purchasing	
ESA	Endangered Species Act	Federal
ET	evapotranspiration	the combined process of evaporation from the Earth's surface and transpiration from vegetation
FESSRO	FloodSAFE Environmental Stewardship and Statewide Resources Office	
GCM	Global Climate Model	
GCM	Global Circulation Model	a global, three-dimensional computer model of the climate system which can be used to simulate human-induced climate change
GHG	greenhouse gas	

GISS	Goddard Institute for Space Studies	
GWh	gigawatt hour	
GWP	global warming potential	the cumulative radiative forcing effects of a gas over a specified time horizon resulting in the emission of a unit mass of gas relative to a reference gas
HadCRUT	Hadley Centre/University of East Anglia Climatic Research Unit Temperature analysis	global climate model
IEUA	Inland Empire Utilities Agency	
IPCC	Intergovernmental Panel on Climate Change	
IRWM	Integrated Regional Water Management	
JPSS	Joint Polar Satellite System	
JSTR	jetstream	
LAT	latitude	
LCC	Landscapes Conservation Cooperatives	
LDCM	Landsat Data Continuity Mission	
LEED	Leadership in Energy and Environmental Design	
LLNL	Lawrence Livermore National Laboratory	
LONG	longitude	
MPO	Metropolitan Planning Organization	
MtCO ₂ e	Metric Ton Carbon Dioxide Equivalent	
NASA	National Aeronautics and Space Administration	
NCAR	National Center for Atmospheric Research	
NCDC	National Climatic Data Center	NOAA
NEPA	National Environmental Policy Act	
NGO	Non-governmental Organization	
NOAA	National Oceanic and Atmospheric Administration	
NOAA-HMT	NOAA Hydrometeorological Testbed	
NRA	Natural Resources Agency	

NRC	National Research Council	functions under the National Academies; mission is to improve govt decision making and public policy, increase public education and understanding, and promote the acquisition and dissemination of knowledge in matters involving science, engineering, technology and health
NSF	National Science Foundation	
OMB	Office of Management and Budget	
OPR	Office of Planning and Research	
OSC	Office of the State Climatologist	Dr. Michael Anderson
OSTP	Office of Science and Technology Policy	
PG&E	Pacific Gas and Electricity	
PIER	Public Interest Energy Research Program	California Energy Commission (CEC) program to support public interest energy research and development that will improve the quality of life in CA by bringing environmentally safe, affordable and reliable energy services and products to the marketplace
PRISM	Parameter-elevation Regressions on Independent Slopes Model	
RPS	renewable portfolio standard	
SB	Senate Bill	
SCO	State Climate Office	
SI	Smithsonian Institution	
SLR	sea level rise	
SWE	snow water equivalent	
SWP	State Water Project	
SWPAO	State Water Project Analysis Office	
TAO Array	Tropical Atmosphere Ocean Array	
UNEP	United Nations Environmental Program	
UNFCCC	United Nations Framework Convention on Climate Change	
US AID	United States Agency for International Development	

US EPA	United States Environmental Protection Agency	
US GCRP	United States Global Change Research Program	coordinates and integrates federal research on change in the global environment and their implications for society; mandated by Congress in the Global Change Research Act of 1990; formerly the US Climate Change Science Program (USCCSP)
US HCN	United States Historical Climatology Network	"a high quality data set of daily and month records of basic meteorological variables from 1218 observing stations across the 48 contiguous United States
USDA	United States Department of Agriculture	
USGCRP	United States Global Change Research Program	
USGS	U.S. Geological Survey	
VIC	variable infiltration capacity	rainfall-runoff model used to estimate streamflows
VMT	vehicle miles traveled	
WCI	Western Climate Initiative	
WEAP	Water Evaluation and Planning System	model
WMO	World Meteorological Organization	WMO is a specialized agency of the UN; it is the UN system's authoritative voice on the state and behavior of Earth's atmosphere, its interaction with the oceans, the climate it produces and the resulting distribution of water resources
WRCC	Western Regional Climate Center	
WREM	Water Resources Engineering Memorandum	
WRI	World Resources Institute	
WRRC	Western Regional Climate Center	
WUE	Water Use Efficiency	