



# CHAPTER 7

## Glossary

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ABBREVIATION	DEFINITION
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**A**

AB	Assembly Bill
ACE	Affordable Clean Energy
ACEC	Areas of Critical Environmental Concern
ACM	asbestos-containing material
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AHSC	Affordable Housing and Sustainable Community
ALA	American Library Association
ALS	advanced life support
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AMI	area median income
AMR	Annual Monitoring Report
APM	automated people mover
APS	Alternative Planning Strategy
AQMP	Air quality management plan
AR4	Fourth Assessment Report
ARMR	Archaeological Resource Management Report
ARRA	American Recovery and Reinvestment Act 2009
ASCE	American Society of Civil Engineers
ASF	age sensitivity factor
ATAC	Aviation Technical Advisory Committee
ATCM	Airborne Toxic Control Measure
ATP	Active Transportation Plan
AV	autonomous vehicle
AVAQMD	Antelope Valley Air Quality Management District

**B**

BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BERD	Built Environment Resources Directory
BES	Board of Environmental Safety
BGEPA	federal Bald and Golden Eagle Protection Act
BLM	Bureau of Land Management
BMP	best management practice
BNSF	Burlington Northern/Santa Fe Railway

BR	Biotic Resource
BRT	Bus Rapid Transit
BSER	best system of emission reduction
BTSP	Bicycle Transportation Strategic Plan

## C

CAA	federal Clean Air Act
CAAP	Climate Action and Adaptation Plan
CAAQS	California Ambient Air Quality Standards
CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model
CalEMA	California Emergency Management Agency
CalEPA	California Environmental Protection Agency
CalGEM	California Geologic Energy Management Division
CALGreen	California Green Building Standards Code
Caltrans	California Department of Transportation
CAO	cleanup and abatement order
CAP	climate action plan
CAPCOA	California Air Pollution Officers Association
CAPP	Community Air Protection Program
CARB	California Air Resources Board
CARE	Clean Air Ranger Education
CASQA	California Stormwater Quality Association
CAT	Climate Action Team
CAV	Connected and Automated Vehicle
CBC	California Building Code
CBIA	California Building Industry Association
CBO	Community-Based Organization
CBSP	Commuter Bikeways Strategic Plan
CCA	California Coastal Act
CCAP	Community Climate Action Plan
CCC	California Coastal Commission
CCED	California Conservation Easement Database
CCR	California Code of Regulations
CCUS	carbon capture, utilization, and storage
CCWPP	Countywide Community Wildfire Protection Plan
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife

CDMG	California Division of Mines and Geology
CDO	cease and desist order
CDP	Coastal Development Permit
CDR	carbon dioxide removal
CE	Common Era
CEC	California Energy Commission
CEHC	California Essential Habitat Connectivity Project
CELCP	Coastal and Estuarine Land Conservation Program
CEMS	Continuous Emissions Monitoring Systems
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERP	Community Emissions Reduction Plan
CESA	California Endangered Species Act
CFC	Chlorofluorocarbons
CFCP	California Farmland Conservancy Program
CFGC	California Fish and Game Commission
CFL	compact fluorescent light bulbs
CFR	Code of Federal Regulations
CGC	California Government Code
CGS	California Geological Survey
CH4	Methane
CHE	cargo handling equipment
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CMA	Congestion Management Agency
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	Community noise equivalent level
CNPS	California Native Plant Society
CO	Carbon monoxide
CO2	carbon dioxide
CO2e	Carbon dioxide-equivalent
COG	Council of Governments
COPD	chronic obstructive pulmonary disease
CPA	California Protected Area
CPAD	California Protected Areas Database

CPRG	Climate Pollution Reduction Grant
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSD	community services district
CSI	California Solar Initiative
CTC	County Transportation Commission
CTF	cleaner technologies and fuels
CTIP	Cargo Theft Interdiction Program
CTP	California Transportation Plan
C-TPAT	Customs-Trade Partnership Against Terrorism
CUP	Conditional Use Permit
CUPA	Certified Unified Program Agency
CURB	City Urban Restriction Boundary
CVAG	Coachella Valley Association of Governments
CVC	California Vehicle Code
CWA	Federal Clean Water Act
CWC	California Water Code
CWPO	Community Wildfire Protection Ordinance
CZMA	Coastal Zone Management Act

## D

DAC	Disadvantaged Community
DAMP	Drainage Area Management Plan
dB	decibels
dBA	A-weighted decibels
DBR	daily breathing rate
DDW	Division of Drinking Water
DFO	the Disaster Field Office
DHS	U.S. Department of Homeland Security
DMA	Disaster Mitigation Act
DMV	California Department of Motor Vehicles
DNL	day-night average
DOC	California Department of Conservation
DOD	United States Department of Defense
DOF	California Department of Finance
DOSH	Division of Occupational Safety and Health
DPM	diesel particulate matter
DPS	distinct population segment

DRECP	Desert Renewable Energy Conservation Plan
DSCA	Defense Support to Civilian Authorities
DTSC	Department of Toxic Substances Control
DWR	California Department of Water Resources

**E**

EAS	Essential Air Service
ECF	Emergency Connectivity Fund
EGU	electric generating unit
EIC	Eastern Information Center
EIR	environmental impact report
EJCP	Environmental Justice Community Partnership
EMFAC	Emission Factor
EMMA	Emergency Managed Mutual Aid
EMS	Emergency Medical Services
EO	Executive Order
EOC	Emergency Operations Center
EOO	Emergency Operations Organization
EPACT	Energy Policy Act
EPCRA	Emergency Planning and Community Right-to-Know Act
EPNdB	effective perceived noise level, in decibels
EPNL	Effective perceived noise level
EQIP	Environmental Quality Incentives Program
ERP	Emergency Response Plan
ESU	evolutionarily significant unit
EU	European Union
EV	electric vehicle
EWRA	Emergency Wetlands Resources Act of 1986

**F**

FAA	Federal Aviation Administration
FAST	Fixing America's Surface Transportation
FCC	Federal Communications Commission
FCEV	fuel cell electric vehicles
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FESA	federal Endangered Species Act
FFCO2	Fossil fuel carbon dioxide

FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FIR	Fiscal Impact Report
FIRM	Flood Insurance Rate Map
FLP	Forest Legacy Program
FLPMA	Federal Land Policy and Management Act
FMMP	Farmland Mapping & Monitoring Program
FMP	Flood Management Plan
FPPA	Farmland Protection Policy Act
FPS	fire preemption system
FRA	Federal Responsibility Area
FRPP	Federal Farm and Ranchland Protection Program
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
FUDS	Formerly Used Defense Sites
FWCA	Fish and Wildlife Coordination Act
FY	Fiscal Year

## G

GcoM	Global Covenant of Mayors
GGRF	Greenhouse Gas Reduction Fund
GHG	greenhouse gas
GIS	geographic information system
GRRRA	green region resource area
GSA	Groundwater Sustainability Agency
GSE	ground service equipment
GSP	Groundwater Sustainability Plan
GVWR	gross vehicle weight rating
GWh	gigawatt-hours
GWP	Global warming potential

## H

H <sub>2</sub> S	hydrogen sulfide
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
HALS	Historic American Landscape Survey
HAP	hazardous air pollutant
HARP	Hot Spots Analysis and Reporting Program

HARP2	Hotspots Analysis and Reporting Program Version 2
HCD	Housing and Community Development
HCFC	Hydrochlorofluorocarbons
HCM	Caltrans Highway Design Manual
HCP	habitat conservation plan
HDDT	heavy-duty diesel truck
HE	high-end
HFC	Hydrofluorocarbons
HFTD	High Fire Threat District
HHRA	Human Health Risk Assessment
HHWE	Household Hazardous Waste Element
HI	Hazard Index
HIN	High Injury Network
HMBP	hazardous materials business plan
HMGP	Hazard Mitigation Grant Program
HMIS	Hazardous Material Identification System
HMMP	Hazardous Material Management Program
HMP	Hazard Mitigation Plan
HNO3	nitric acid
HOT	high-occupancy toll
HOV	high-occupancy vehicle
HPOZ	Historic Preservation Overlay Zone
HQTC	High Quality Transit Corridors
HRA	Health Risk Assessment
HSC	Health and Safety Code
HUC	Hydrologic unit code
HUD	Housing and Urban Development
HUTA	Highway Users Tax Account

## I

IBC	International Building Code
ICAPCD	Imperial County Air Pollution Control District
ICSO	Imperial County Sheriff's Office
ICT	innovative clean technology
ICTC	Imperial County Transportation Commission
IEPR	Integrated Energy Policy Report
IEUA	Inland Empire Utility Agency
IFC	International Fire Code



IFL	Important Farmland
IGR	Intergovernmental Review
IJA	Infrastructure Investment and Jobs Act
IOU	investor-owned utilities
IPCC	International Panel on Climate Change
IRP	Integrated Water Resources Plan
ISA	International Society of Arboriculture
ISO	Insurance Services Office
ITA	Indian Trust Asset
ITIP	Interregional Transportation Improvement Program
ITS	intelligent transportation systems
IWSP	Integrated Wildfire Safety Program

**J**

JFO	Joint Field Office
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**K**

KCOG	Kern Council of Governments
kW	kilowatts
kWh	kilowatt-hour

**L**

LA Metro	Los Angeles County Transportation Commission
LACFD	Los Angeles County Fire Department
LACSD	Los Angeles County Sanitation Districts
LAFCO	Local Agency Formation Commission
LAFD	Los Angeles Fire Department
LASD	Los Angeles Sheriff's Department
LATC	Los Angeles Transportation Center
LAUSD	Los Angeles Unified School District
LAX	Los Angeles International Airport
LBP	lead-based paint
LCFS	Low Carbon Fuel Standard
LCP	Local Coastal Plan
LDC	Land Development Category
LDX	local data exchange
LE	low-end
LEV	Low-Emission Vehicle
LID	low-impact development

LIGHTS	Low Impact Green Heavy Transport
LIP	local implementation plan
LIST	Local Information Services Team
LMFP	Last Mile Freight Program
LNG	liquefied natural gas
LOS	Level of Service
LRA	Local Responsibility Area
LRT	Light Rail Transit
LST	localized significance threshold
LTRR	Long-Term Regional Recovery
LUST	leaking underground storage tank

## M

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
MAA	Mutual Aid Agreement
MaaS	Mobility as a Service
MAP	million annual passengers
MAP-21	Moving Ahead for Progress in the 21st Century'
MATES-V	Multiple Air Toxics Exposure Study V
MBTA	Migratory Bird Treaty Act of 1918
MCA	mitigation credit agreement
MDAQMD	Mojave Desert Air Quality Management District
MERV	Minimum Efficiency Reporting Value
MERV	Minimum Efficiency Reporting Value
MHHW	Mean Higher High Water
MHMP	Multi-Hazard Mitigation Plan
MLD	Most Likely Descendant
MMCTO <sub>2e</sub>	million metric tons of CO <sub>2</sub> equivalent
MMI	Modified Mercalli Intensity
MMPA	Marine Mammal Protection Act of 1972
MMRT	million metric revenue tons
MND	Mitigated Negative Declaration
MOU	Memoranda of Understanding
MPO	metropolitan planning organization
MPRSA	Marine Protection, Research, and Sanctuaries Act of 1972
MRZ	Mineral Resource Zone
MS4	municipal separate storm sewer systems
MSHCP	Multiple Species Habitat Conservation Plan

MSL	mean sea level
MW	megawatt
MWD	Metropolitan Water District of Southern California
MWELO	California Model Water Efficient Landscape Ordinance

## N

NAA	Naples Airport Authority
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NAGPRA	Native American Graves Protection and Repatriation Act of 1990
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NCP	National Contingency Plan
NDFE	Non-Disposal Facility Element
NEPA	National Environmental Policy Act
NET	negative emissions technology
NEV	neighborhood electric vehicle
NF3	Nitrogen Trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NGO	nongovernmental organizations
NH3	ammonia
NH4	particulate ammonium
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NIFC	National Interagency Fire Center
NIMS	National Incident Management System
NMA	Neighborhood Mobility Area
NMTP	Non-Motorized Transportation Plan
NO	nitric oxide
NO2	nitrogen dioxide
NO3	nitrate
NOA	Naturally Occurring Asbestos
NOP	Notice of Preparation
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPDWR	National Primary Drinking Water Regulations

NPL	National Priorities List
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRF	National Response Framework
NRHP	National Register of Historic Places
NSPS	New Source Performance Standard
NSR	New Source Review
NTD	National Transit Database
NWP	Nationwide Permit
NZEV	Near-Zero Emission Vehicle

**O**

OBD	onboard diagnostic system
OCFA	Orange County Fire Authority
OCSD	Orange County Sheriff-Coroner Department
OCTA	Orange County Transportation Authority
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHMS	Office of Hazardous Materials Safety
OHP	Office of Historic Preservation
OHS	Office of Homeland Security
OPR	Governor’s Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSPR	Office of Spill Prevention and Response
OWTS	Onsite Wastewater Treatment System

**P**

PACT	Pedestrian Target Safeguarding Plan, Active Transportation Plan, Complete Streets Ordinance and Trails Master Plan
Pb	lead
PCB	Polychlorinated biphenyls
PCH	Pacific Coast Highway
PDA	priority development area
PEH	People Experiencing Homelessness
PEIR	Program EIR
PEL	permissible exposure limit
PFC	Perfluorocarbon
PGA	peak ground acceleration
PHEV	plug-in hybrid electric vehicles

PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	Particulate matter
PM10	Respirable particulate matter; particulate matter ten microns or less in diameter
PM2.5	Fine particulate matter
POAQC	Project of Air Quality Concern
POE	Port of Entry
PPD-8	Presidential Policy Directive 8: National Preparedness
PPM	parts per million
PPV	peak particle velocity
PQS	Professional Qualification Standards
PRC	Public Resources Code
PRMP	paleontological resources management plan
PRPA	Paleontological Resources Preservation Act of 2009
PSD	Prevention of Significant Deterioration
PSHA	Probabilistic Seismic Hazard Assessment Map
PSPS	public safety power shutoff

## R

RAMP	regional advanced mitigation programs
RAST	Risk Assessment Standalone Tool
RCA	regional conservation assessment
RCFD	Riverside County Fire Department
RCIS	Regional Conservation Investment Strategy
RCOE	Riverside County Office of Education
RCP	Regional Conservation Plan
RCRA	Resource Conservation and Recovery Act of 1976
RCTC	Riverside County Transportation Commission
RDP	Regional Data Platform
REAT	Renewable Energy Action Team
REOC	Southern Regional Emergency Operations Center
RFC	Reference Concentration
RFDP	Regional Forecasted Development Pattern
RFF	Rockets, Fireworks, and Flares
RHA	Rivers and Harbors Act
RHNA	regional housing needs assessment
RMPP	Risk Management and Prevention Program
RMRA	Road Maintenance and Rehabilitation Account
RMS	Root mean square

ROG	reactive organic gas
ROW	right-of-way
RPS	Renewables Portfolio Standard
RTDM	Regional Travel Demand Model
RTIP	Regional Transportation Improvement Program
RTP	regional transportation plan
RTPA	Regional Transportation Planning Agency
RTR	Risk and Technology Review
RUSLE	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board

## S

SAA	streambed alteration agreement
SAAC	Santa Ana Arts Collective
SAFE	Safer, Affordable, Fuel-Efficient
SANDAG	San Diego Association of Governments
SARA	Superfund Amendment and Reauthorization Act
SB	Senate Bill
SBCAG	Santa Barbara County Association of Governments
SBCFPD	San Bernardino County Fire Protection District
SBCL	San Bernardino County Library System
SBCSD	San Bernardino County Sheriff's Department
SBCTA	San Bernardino County Transportation Commission
SBCU	San Bernardino County Unit
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCAB	South Central Coast Air Basin
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCEA	Sustainable Communities Environmental Assessment
SCIC	South Coastal Information Center
SCRRA	Southern California Regional Rail Authority
SCS	sustainable communities strategy
SDC	seismic design category
SDWA	Safe Drinking Water Act
SEA	Significant Ecological Area
SEATAC	Significant Ecological Areas Technical Advisory Committee

SED	socioeconomic data
SEL	Sound Exposure Level
SEMS	Standard Emergency Management System
SEP	State Emergency Plan
SF6	Sulfur hexafluoride
SGC	Strategic Growth Council
SGCN	Species of Greatest Conservation Need
SGMA	Sustainable Groundwater Management Act
SHMP	State Hazard Mitigation Plan
SHOPP	State Highway Operation and Protection Plan
SHPO	State Historic Preservation Officer
SHSP	statewide Strategic Highway Safety Plan
SI	spark-ignition
SIP	State Implementation Plan
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLC	California State Lands Commission
SLCP	short-lived climate pollutants
SMARA	Surface Mining and Reclamation Act of 1975
SO2	sulfur dioxide
SOAR	Save Our Agricultural Resources
SoCalGas	Southern California Gas Company
SOI	Spheres of Influence
SONGS	San Onofre Nuclear Generating Station
SOV	single occupancy vehicle
SPM	Scenario Planning Model
SR	State Route
SRA	State Responsibility Area
SRRE	Source Reduction and Recycling Element
SRTS	Safe Routes to School
SSAB	Salton Sea Air Basin
SSC	Species of Special Concern
SSEMS	Statewide Standardized Emergency Management System
SSPP	System Safety Program Plan
STA	State Transit Assistance
STBG	Surface Transportation Block Grant
STIP	State Transportation Improvement Program
STORMS	Strategy to Optimize Resource Management of Storm Water
SUSMP	Standard Urban Stormwater Management Plan

SVP	Society of Vertebrate Paleontology
SVRA	State Vehicular Recreation Area
SWAP	state wildlife action plan
SWG	State and Tribal Wildlife Grants
SWMP	stormwater management plan
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board

## T

TAC	Toxic air contaminant
TAF	Terminal Area Forecast
TBACT	Toxics Best Available Control Technology
TCFD	Task Force on Climate-Related Financial Disclosure
TCM	transportation control measure
TCWG	Transportation Conformity Working Group
TDA	Transportation Development Act
TDM	Transportation Demand Management
TDP	Transportation Development Plan
TEU	twenty-foot equivalent unit
TEZ	transportation equity zone
TMA	Transportation Management Area
TMC	Transportation Management Center
TMDL	total maximum daily load
TOC	Transit Oriented Community
TOD	transit-oriented development
TPA	Transit Priority Area
TPP	Transit Priority Project
TPZ	Timberland Production Zone
TRU	transport refrigeration unit
TSA	Transportation Security Administration
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
TSM	Transportation System Management
TSMO	Transportation System Management and Operations
TWG	Technical Working Group



**U**

UBC	Uniform Building Code
UCG	Unified Coordination Group
UCMP	University of California Museum of Paleontology
UFC	Uniform Fire Code
UNEP	United Nations Environmental Program
UP	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USC	United States Code
USCG	United States Coast Guard
USDA	United States Department of Agriculture
USDOJ	United States Department of Interior
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFS	United States Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tanks
UWMP	Urban Water Management Plan

**V**

VCAPCD	Ventura County Air Pollution Control District
VCFD	Ventura County Fire Department
VCFPD	Ventura County Fire Protection District
VCOE	Ventura County Office of Education
VCP	Voluntary cleanup program
VCTC	Ventura County Transportation Commission
VDT	video display terminal
VegCAMP	Vegetation Classification and Mapping Program
VHD	Vehicle hours of delay
VHFHSZ	very high fire hazard severity zone
VHT	vehicle hours of travel
VMT	vehicle miles traveled

**W**

WAP	watershed action plan
WDR	waste discharge requirement
WEAP	Worker Education and Awareness Program

WfH	Work from Home
WGCEP	Working Group on California Earthquake Probabilities
WJTCA	Western Joshua Tree Conservation Act
WMO	World Meteorological Organization
WRCOG	Western Riverside Council of Governments
WSA	water supply assessment
WSCP	Water Shortage Contingency Plan
WSRA	Wild and Scenic Rivers Act of 1968

## Z

ZEV	zero-emissions vehicle
ZNE	zero net energy

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