

SER Acronyms and Abbreviations List

This list contains the most common acronyms and abbreviations found on the SER and may also be adapted for use in environmental documents.

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A

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AADT: average annual daily traffic

AASHTO: American Association of State Highway and Transportation Officials

AB: Assembly Bill

ABAG: Association of Bay Area Governments

ACHP: Advisory Council on Historic Preservation

ADA: Americans with Disabilities Act

ADL: aerially deposited lead

ADT: average daily traffic

AE: Adverse Effect

AEP: Associate Environmental Planner

AEPNS: Associate Environmental Planner, Natural Science

AHERA: Asbestos Hazard Emergency Response Act

AIRFA: American Indian Religious Freedom Act

APCD: Air Pollution Control District

APE: Area of Potential Effects

AQMD: Air Quality Management District

ARB: Air Resources Board

ARPA: Archaeological Resources Protection Act of 1979

ASR: Archaeological Survey Report

ASTM: American Society for Testing Materials

ATCM: Airborne Toxic Control Measure

AVO: Average Vehicle Occupancy

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BA: Biological Assessment

BCDC: San Francisco Bay Conservation and Development Commission

BFE: Base Flood Elevation

BIA: Bureau of Indian Affairs

BLM: Bureau of Land Management

BMP: Best Management Practice

BO: Biological Opinion

BTU: British thermal unit

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CAA: Clean Air Act

Cal/EPA: California Environmental Protection Agency

Cal/OSHA: California Division of Occupational Safety and Health Administration

CalRecycle: California Department of Resources Recycling and Recovery

CCAA: California Clean Air Act

CCC: California Conservation Corps

CCC: California Coastal Commission

SER Acronyms and Abbreviations List

CCMP: California Coastal Management Program

CCO: Contract Change Order

CCR: California Code of Regulations

CDC: Centers for Disease Control and Prevention

CDFW: California Department of Fish and Wildlife

CDP: Coastal Development Permit

CE: Categorical Exclusion (NEPA) or Categorical Exemption (CEQA)

CEQ: Council on Environmental Quality

CEQA: California Environmental Quality Act

CERES: California Environmental Resources Evaluation System

CERLA: Comprehensive Environmental Response, Compensation, and Liability Act

CESA: California Endangered Species Act

CFR: Code of Federal Regulations

CGS: California Geological Survey

CHP: California Highway Patrol

CHRIS: California Historical Resources Information System

CIA: Community Impact Assessment

CIDH: cast-in-drilled-hole

CL: center line

CMP: Conceptual Mitigation Plan

CNDDDB: California Natural Diversity Database

CNEL: community noise equivalent level

CNPS: California Native Plant Society

CO: carbon monoxide

CO₂: carbon dioxide

COG: Council of Governments

COZEEP: Construction Zone Enhanced Enforcement Program

CPD: Coastal Programs Division

CPD: Construction Procedures Directives

CPRA: California Public Records Act

CRHR: California Register of Historical Resources

CRM: Cultural Resources Management

CSO: Cultural Studies Office

CT: California Department of Transportation

CTC: California Transportation Commission

CTP: California Transportation Plan

CUPA: Certified Unified Program Agencies

CWA: Clean Water Act

CZM: Coastal Zone Management

CZMA: Coastal Zone Management Act

CZMA: Coastal Zone Management Agency

CZMP: Coastal Zone Management Plan

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DA: Department of the Army (U.S.)

dBA: A-weighted decibel

dBA Leq: A-weighted noise level

DBH: Diameter at breast height

DEA: Division of Environmental Analysis

DED: draft environmental document

DEIR: Draft Environmental Impact Report (CEQA)

DEIS: Draft Environmental Impact Statement (NEPA)

DES-OE: Division of Engineering Services-Office Engineer

DLAE: District Local Assistance Engineer

SER Acronyms and Abbreviations List

DNAC: District Native American Coordinator
DOC: California Department of Conservation
DOD: Department of Defense [U.S.]
DOI: Department of the Interior [U.S.]
DOT: Department of Transportation [general]
DRID: Draft Relocation Impact Document
DRIM: Draft Relocation Impact Memorandum
DPR: Draft Project Report
DPR: California Department of Parks and Recreation
DRP: Data Recovery Plan
DSA: Disturbed Soil Area
DSI: Detailed Site Investigation
DTSC: California Department of Toxic Substances Control
DWR: California Department of Water Resources

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EA: Environmental Assessment [NEPA]
EA: Expenditure Authorization
EBC: Environmental Branch Chief
ECL: Environmental Construction Liaison/Coordinator
ECR: Environmental Commitments Record
ED: environmental document
EFH: Essential Fish Habitat
EH: Environmental Handbook
EIR: Environmental Impact Report [CEQA]
EIS: Environmental Impact Statement [NEPA]
EJ: Environmental Justice

ELAP: Environmental Laboratory Accreditation Program
EMO: Environmental Management Office
EO: Executive Order
EOC: Environmental Office Chief
EP: Environmental Planner
EPNS: Environmental Planner (Natural Science)
ESA: Environmentally Sensitive Area
ESA: Endangered Species Act
ESR: Environmental Study Request
ESU: Environmentally Significant Unit (relates to salmonids)

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FAE: Finding of Adverse Effect
FBFM: Flood Boundary and Floodway Map
FED: final environmental document
FEIR: Final Environmental Impact Report (CEQA)
FEIS: Final Environmental Impact Statement (NEPA)
FEMA: Federal Emergency Management Agency
FESA: Federal Endangered Species Act
FHWA: Federal Highway Administration
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act
FIRM: Flood Insurance Rate Map
FIS: Flood Insurance Study
FLPMA: Federal Land Policy and Management Act of 1976
FNAE: Finding of No Adverse Effect
FOE: Finding of Effect
FOIA: Freedom of Information Act

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FONSI: Finding of No Significant Impact [NEPA]

FPPA: Farmland Protection Policy Act

FR: Federal Register

FRA: Federal Railroad Administration

FRID: Final Relocation Impact Document

FRIS: Final Relocation Impact Statement

FTA: Federal Transit Authority

FSTIP: Federal State Transportation Improvement Program

FTIP: Federal Transportation Improvement Program

FY: Fiscal Year

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GHG: greenhouse gas

GIS: Geographic Information Systems

GPR: Ground Penetrating Radar

GPS: Global Positioning System

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HA: Highway Agency

HABS: Historic American Building Survey

HAER: Historic American Engineering Record

HASR: Historic Architectural Survey Report

HCM: Highway Capacity Manual

HCP: Habitat Conservation Plan

HDM: Highway Design Manual

HGM: Hydrogeomorphic Method

HMDD-A: Hazardous Materials Disclosure Document-Acquisition

HMDD-D: Hazardous Materials Disclosure Document-Disposal

HOT: High-Occupancy Toll

HOV: High-Occupancy Vehicle

HPSR: Historic Property Survey Report

HRC: Heritage Resources Coordinator

HRCR: Historical Resources Compliance Report

HRER: Historical Resources Evaluation Report

HSWA: Hazardous and Solid Waste Amendments

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IGR: Intergovernmental Review

IIP: Interregional Improvement Program

IP: Individual Permit

IPCC: Intergovernmental Panel on Climate Change

IS: Initial Study [CEQA]

ISA: Initial Site Assessment

ISTEA: Intermodal Surface Transportation Efficiency Act of 1991

ITE: Institute of Transportation Engineers

ITIP: Interregional Transportation Improvement Program

ITP: Incidental Take Permit

ITSP: Interregional Transportation Strategic Plan

ITTE: Institute of Transportation and Traffic Engineering

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JD: Jurisdictional Determination

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KP: kilometer post

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LAPM: Local Assistance Procedures Manual

LCP: Local Coastal Plan

LEDPA: Least Environmentally Damaging Practicable Alternative

LESA: Land Evaluation and Site Assessment

LOP: Letter of Permission

LOS: Level of Service

LUPIN: Land Use Planning Information Network

LUST: leaking underground storage tank

LWCFA: Land and Water Conservation Fund Act of 1965

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MAP-21: Moving Ahead for Progress in the 21st Century Act

MBTA: Migratory Bird Treaty Act

MCCE: Mitigation and Compliance Cost Estimate

MCE: Maximum Credible Earthquake

MEP: Maximum Extent Practicable

MIS: Major Investment Study

MLD: Most Likely Descendant

MMPA: Marine Mammal Protection Act

MMRR: Mitigation Monitoring and Reporting Record

MND: Mitigated Negative Declaration [CEQA]

MOA: Memorandum of Agreement

MOU: Memorandum of Understanding

MPO: Metropolitan Planning Organization

MPRSA: Marine Protection, Research, and Sanctuaries Act

MS4: Municipal Separate Storm Sewer System

MSAT: Mobile Source Air Toxics

MSFCMA: Magnuson-Stevens Fishery Conservation and Management Act

MSL: Mean Sea Level

MTBE: methyl tertiary butyl ether

MTP: Metropolitan Transportation Plan

MTIP: Metropolitan Transportation Improvement Program

N

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NAAQS: National Ambient Air Quality Standards

NAC: Noise Abatement Criteria

NADR: Noise Abatement Decision Report

NAE: No Adverse Effect

NAGPRA: Native American Graves Protection and Repatriation Act of 1990

NAHC: Native American Heritage Commission

NCCP: Natural Community Conservation Planning

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NCHRP: National Cooperative Highway Research Program

NCSE: National Council for Science Education

NCSE: National Council for Science and the Environment

ND: Negative Declaration [CEQA]

NEPA: National Environmental Policy Act

NES: Natural Environment Study

NES-MI: Natural Environment Study (Minimal Impact)

NESHAP: National Emissions Standards for Hazardous Air Pollutants

NFIP: National Flood Insurance Program

NFSAM: National Flood Security Act Manual

NH3: ammonia

NHL: National Historic Landmark

NHPA: National Historic Preservation Act

NHS: National Highway System

NNL: National Natural Landmark

NOA: naturally occurring asbestos

NOA: Notice of Availability

NOAA: National Oceanic and Atmospheric Administration

NOAA-Fisheries: National Marine Fisheries Service

NOC: Notice of Completion

NOD: Notice of Determination

NOE: Notice of Exemption

NOI: Notice of Intent

NOP: Notice of Preparation

NOx: nitrogen oxide

NPDES: National Pollutant Discharge Elimination System

NPL: National Priorities List

NPPA: [California] Native Plant Protection Act

NPRM: Notice of Proposed Rule Making

NPS: National Park Service

NR: National Register [of Historic Places]

NRCS: National Resources Conservation Service

NRHP: National Register of Historic Places

NSSP: Nonstandard Special Provision

NWP: Nationwide Permit

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O.C.: Overcrossing

OCRM: National Oceanic and Atmospheric Administration-Office of Ocean and Coastal Resource Management

OHP: [California] Office of Historic Preservation

OHWM: Ordinary High Water Mark

OPR: [California] Office of Planning and Research

OSHA: Occupational Safety Hazard Administration

P

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PA: Programmatic Agreement

PA&ED: Project Approval and Environmental Document

PAM: Permits, Agreements, and Mitigation

Pb: lead

PDPM: [Caltrans] Project Development Procedures Manual

PDT: Project Development Team

SER Acronyms and Abbreviations List

PE: Project Engineer

PEAR: Preliminary Environmental Assessment Report

PEER: Permit Engineering Evaluation Report

PER: Paleontological Evaluation Report

PG: Professional Geologist

PID: Project Initiation Document

PIR: Paleontological Identification Report

PLAC: Permits, Licenses, Agreements, and Certifications

PM: particulate matter

PM: post mile

PM: Project Manager

PM10: particulate matter less than 10 microns in diameter

PM2.5: particulate matter less than 2.5 microns in diameter

PMP: Paleontological Mitigation Plan

PMR: Paleontological Mitigation Report

POAQC: Project of Air Quality Concern

ppb: parts per billion

ppm: parts per million

PR: Project Report

PRC: [California] Public Resources Code

PS&E: Plans, Specifications, and Estimates

PSI: Preliminary Site Investigation

PSI: pounds per square inch

PSR: Project Study Report

PSR-PDS: Project Study Report-Project Development Support

PSS: Paleontological Stewardship Summary

PSSR: Project Scope Summary Report

PUC: Public Utilities Commission [California]

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RAP: Relocation Assistance Program

RAW: Remedial Action Workplan

RCR: Route Concept Report

RCRA: Resource Conservation and Recovery Act of 1976

RE: Resident Engineer

RGL: Regulatory Guidance Letter

RIP: Regional Improvement Program

ROD: Record of Decision [NEPA]

ROW: right-of-way

RP: Responsible Party

RTIP: Regional Transportation Improvement Program

RTP: Regional Transportation Plan

RTPA: Regional Transportation Planning Agency

RWQCB: Regional Water Quality Control Board

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SACOG: Sacramento Area of Council of Governments

SAFETEA-LU: Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users

SANDAG: San Diego Association of Governments

SER Acronyms and Abbreviations List

SARA: Superfund Amendments and Reauthorization Act

SB: Senate Bill

SCAG: Southern California Association of Governments

SCH: [California] State Clearinghouse

SDWA: Safe Drinking Water Act

SEE: social, economic, and environmental

SEP: Senior Environmental Planner

SER: Standard Environmental Reference

SFHA: Special Flood Hazard Area

SHA: State Highway Agency

SHBSB: State Historical Building Safety Board

SHL: State Historical Landmark

SHOPP: State Highway Operation and Protection Program

SHPO: State Historic Preservation Officer

SHS: State Highway System

SI: Safety Index

SIP: State Implementation Plan

SLC: [California] State Lands Commission

SMARA: Surface Mining and Reclamation Act of 1975

SOC: Statement of Overriding Considerations [CEQA]

SOL: Statute of Limitations

SR: State Route

SSP: Standard Special Provision

STIP: Statewide Transportation Improvement Program

SWMP: Storm Water Management Plan

SWPPP: Storm Water Pollution Prevention Plan

SWRCB: State Water Resources Control Board

T

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TAC: Technical Advisory Committee

TASAS: Traffic Accident Surveillance and Analysis System

TCM: Transportation Control Measure

TCP: Traditional Cultural Property or Place

TCR: Transportation Concept Report

TDM: Transportation Demand Management

TEA-21: Transportation Equity Act for the 21st Century

TeNS: Technical Noise Supplement

THPO: Tribal Historic Preservation Officer

TIP: Transportation Improvement Program

TMDL: Total Maximum Daily Load

TMP: Traffic Management Plan

TP: Transportation Planner

TRB: Transportation Research Board

TRPA: Tahoe Regional Planning Agency

TSM: Transportation Systems Management

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U.C.: Undercrossing

U.S.: United States

U.S. EPA: United States Environmental Protection Agency

USACE: United States Army Corps of Engineers

USC: United States Code

USCG: United States Coast Guard

USDA: United States Department of Agriculture

SER Acronyms and Abbreviations List

USDOT: United States Department of Transportation

USFS: United States Forest Service

USFWS: United States Fish and Wildlife Service

USGS: United States Geological Survey

UST: underground storage tanks

V

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V/C: Volume/Capacity

VMT: Vehicle Miles of Travel

VOC: volatile organic compounds

W

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WBS: Work Breakdown Structure

WPCP: Water Pollution Control Program

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