

Chapter 6 ACRONYMS and ABBREVIATIONS

A300	ANSI A300, Tree Care Operations Standards
AASHTO	American Association of State Highway and Transportation Officials
ACEP	Agricultural Conservation Easement Program
AH	Flood Insurance Rate Map (FIRM) zone: Areas subject to inundation by 1%-annual-chance shallow flooding (usually areas of ponding) where average depths are between one and three feet. Base Flood Elevations (BFEs) derived from detailed hydraulic analyses are shown in this zone. Mandatory flood insurance purchase requirements and floodplain management standards apply.
AHPS	Advanced Hydrologic Prediction Service
AHZ	Active Hazard Zone
AIA	American Institute of Architects
AKmax	hypothetical maximum Alaska tsunami
AM	Amplitude Modulation (AM)
ANSI	American National Standards Institute
ANSS	Advanced National Seismic System
AO	Flood Insurance Rate Map (FIRM) zone: areas subject to inundation by 1%-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between one and three feet. Average flood depths derived from detailed hydraulic analyses are shown in this zone. Mandatory flood insurance purchase requirements and floodplain management standards apply. Some Zone AO have been designated in areas with high flood velocities such as alluvial fans and washes. Communities are encouraged to adopt more restrictive requirements for these areas.
AOC	Association of Oregon Counties
APA	American Planning Association
APCO	Association of Public Safety Communications Officials
ARES	Amateur Radio Emergency Service
ARRA	American Recovery and Reinvestment Act
ARRL	Amateur Radio Relay League
ASCE	American Society of Civil Engineers
ASFPM	Association of State Floodplain Managers
ATC	Applied Technology Council
BCA	Benefit-Cost Analysis
BCD	Building Codes Division (State of Oregon, Department of Consumer and Business Services)
DCBS	Department of Consumer and Business Services

BCE	Before Common Era
BCR	Benefit-Cost Ratio
BFE	Base Flood Elevation
BLM	Bureau of Land Management (United States Department of the Interior)
BMP	Best Management Practice
BNSF	Burlington Northern-Santa Fe Railway
BPA	Bonneville Power Administration
BusOR-IFA	Business Oregon, Infrastructure Finance Authority
CAP	Community Assistance Program (NFIP)
CAP-SSSE	Community Assistance Program — State Support Services Element (NFIP)
CAV	Community Assistance Visit (NFIP)
CB	Coquille Bank
CBRL	Coos Bay Rail Link
CDBG	Community Development Block Grant
CD-ROM	Compact Disc Read-Only Memory
CEI	Critical Energy Infrastructure
CERT	Community Emergency Response Team
CFR	Code of Federal Regulations
CGIAR	Formerly “Consultative Group on International Agricultural Research.” Since 2008, known simply as CGIAR, a global partnership that unites organizations engaged in research for a food secure future
CI	Critical Infrastructure/Essential Public Facilities
CMIP	Coupled Model Intercomparison Project
CMIP5	Coupled Model Intercomparison Project, 5th phase
CMZ	Channel Migration Zone
CNN	Cable News Network
CPO	Climate Program Office
CPW	Community Planning Workshop (University of Oregon)
CREP	Conservation Reserve Enhancement Program
CREW	Cascadia Region Earthquake Workgroup
CRP	Conservation Reserve Program
CRS	Community Rating System (National Flood Insurance Program)
CSC	Community Service Center (University of Oregon)
CSEPP	Chemical Stockpile Emergency Preparedness Program
CSO	combined sewer overflow
CSREES	Cooperative State Research, Education, and Extension Service

CST	Community Solutions Team
CSZ	Cascadia Subduction Zone
CTP	Cooperating Technical Partner (NFIP)
CVO	Cascades Volcano Observatory
CWPP	Community Wildfire Protection Plan
DAS	Department of Administrative Services (State of Oregon)
DAS-CFO	Department of Administrative Services-Chief Financial Office (State of Oregon)
DAS-CIO	Department of Administrative Services-Chief Information Office (State of Oregon)
DAS-EAM	Department of Administrative Services-Enterprise Asset Management (State of Oregon)
DAS-RM	Department of Administrative Services-Risk Management Division (State of Oregon)
DAS-GEO	Department of Administrative Services-Geospatial Enterprise Office (State of Oregon)
DCBS	Department of Consumer and Business Services (State of Oregon)
DCBS-ID	Department of Consumer and Business-Insurance Division (State of Oregon)
DEM	Digital Elevation Model
DEQ	Department of Environmental Quality (State of Oregon)
DLCD	Department of Land Conservation and Development (State of Oregon)
DMA	Disaster Mitigation Act of 2000 (federal)
DMA2K	Disaster Mitigation Act of 2000
DMV	Department of Motor Vehicles (State of Oregon)
DNR	Department of Natural Resources (Washington State)
DOD-USACE	United States Department of Defense-U.S. Army Corps of Engineers
DOGAMI	Department of Geology and Mineral Industries (State of Oregon)
DP	Demographic Profile
DPSST	Department of Public Safety Standards and Training (State of Oregon)
DR	Alphabetic designation or precursor for Disaster Declaration Number
DRMS	Decision, Risk, and Management Science
DRU	Disaster Resilient University
DSL	Department of State Lands (State of Oregon)
DTM	Digital Terrain Model
EAM	Enterprise Asset Management (State of Oregon Department of Administrative Services)
EAP	Emergency Action Plan
EAS	Emergency Alert System
ECC	Emergency Coordination Center
EDA	Economic Development Administration (U.S.)
EHP	Environmental and Historic Preservation

EIS	Environmental Impact Statement
EMI	Emergency Management Institute (FEMA)
EMPG	Emergency Management Performance Grant (State of Oregon)
ENSO	El Niño Southern Oscillation
EO	Education/Outreach
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency (U.S.)
EPCRA	Emergency Planning and Community Right-to-Know Act
EQIP	Environmental Quality Incentives Program
ER	Emergency Relief
ESA	Endangered Species Act
ESD	Education Service District
ESEE	Economic, Social, Environmental, and Energy
EWP	Emergency Watershed Protection (NRCS Program)
FAA	Federal Aviation Administration
FAS	Federal Aid System (U.S. Highway Administration)
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FF	Flash Flood
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FM	Frequency Modulation
FMA	Flood Mitigation Assistance
FMAGP	Fire Management Assistance Grant Program
FPD	Fire Protection District
FSA/FMAGP	Fire Suppression Assistance/Fire Management Assistance Grant Program
FTA	Federal Transit Administration
FTE	Full Time Equivalent
FY	Fiscal Year
GCM	Global Climate Models
GED	General Education Development
GEO	Geospatial Enterprise Office (State of Oregon, DAS)
GIS	Geographic Information System

GNRO	Governor’s Natural Resources Office (State of Oregon)
GO	General Obligation
GPS	Global Positioning System
GSA	General Services Administration (U.S.)
GSTF	Greatest-Savings-to-the-Fund (FEMA)
GTN	Gas Transmission Northwest
GWEB	Governor’s Watershed Enhancement Board
H	High
Hazus	Hazards U.S.
HB	House Bill (State of Oregon)
HCD	Housing and Community Development Act of 1974
HFRA	Healthy Forest Restoration Act of 2003
HHZ	High Hazard Zone
HM	Hazard Mitigation
HMA	Hazard Mitigation Assistance
HMGP	Hazard Mitigation Grant Program
HMP	Hazard Mitigation Plan
HMSE	Hazard Mitigation and Structural Engineering
HMST	Hazard Mitigation Survey Team
HMTAP	Hazard Mitigation Technical Assistance Program (FEMA)
HR	House Resolution (State of Oregon legislature)
HRFA	Healthy Forest Restoration Act of 2003
HSPR	Health Security, Preparedness, and Response (Oregon Health Authority)
HUD	Housing and Urban Development (U.S.)
HWM	High Water Mark
ICBO	International Conference of Building Officials
ICC	Increased Cost of Compliance (NFIP)
ID	Insurance Division (Oregon Department of Consumer and Business Services)
IDA	Initial Damage Assessment
IEBC	International Existing Building Code
IFA	Infrastructure Finance Authority (Business Oregon)
IHMT	Interagency Hazard Mitigation Team
IMS	Interpretive Map Series (DOGAMI)
IPCC	Intergovernmental Panel on Climate Change
IPPM	Insect Pest Prevention and Management

IR	Indian Reservation
IRIS	Incident Response Information System
ISA	International Society of Arboriculture
ISO	Insurance Services Office
JFO	Joint Field Office (FEMA)
KOG	Keep Oregon Green
KPM	Key Performance Measure
L	Low
LCDC	Land Conservation and Development Commission (State of Oregon)
LEPC	Local Emergency Planning Committee
LFD	Local Fire Department
LFPC	Local Fire Prevention Cooperative
LHZ	Low Hazard Zone (coastal erosion)
LID	Low Impact Development
LLC	Limited Liability Company
LNG	Liquefied Natural Gas
LNHMP	Local Natural Hazards Mitigation Plan
LOC	League of Oregon Cities
LP	Legislative/Policy
LPA	Landowner Preferred Alternative
LU	Land Use/Development
LWI	Local Wetlands Inventory
M	Moderate
MAX	Metropolitan Area Express light rail, operated by Tri-County Metropolitan Transportation District of Oregon (TriMet)
MH	Multi-Hazard
MHHW	Mean High High Water
MJO	Madden Julian Oscillation
MLLW	Mean Lower Low Water
MMI	Modified Mercalli Index
MMMS	Map Modernization Management Support (FEMA)
MP	Mile Post or Maintenance/Planning
MV	Most Vulnerable
MVC	Motor Vehicle Collision
M _w	Moment earthquake magnitude scale
N/A	Not Available / Not Applicable

NARCCAP	North American Regional Climate Change Assessment Program
NASA	National Aeronautics and Space Administration
NASEO	National Association of State Energy Officials
NB	Nehalem Bank
NCC	Northwest Coordination Center
NCHR	Natural, Cultural, and Historical Resources
NDBC	National Data Buoy Center
NDWS	Native Database Web Service (Oracle)
NEHRP	National Earthquake Hazards Reduction Program
NEMIS	National Emergency Management Information System
NENA	National Emergency Number Association
NERC	North American Electric Reliability Corporation
NFIP	National Flood Insurance Program
NFP	National Fire Plan
NFPA	National Fire Protection Association
NGA	National Geospatial-Intelligence Agency
NGDC	National Geophysical Data Center
NGO	Non-Governmental Organization
NHMP	Natural Hazards Mitigation Plan
NID	National Inventory of Dams
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPS	National Park Service
NRC	National Resource Council
NRCS	Natural Resources Conservation Service (U.S.)
NSF	National Science Foundation
NSFHA	No Special Flood Hazard Area
NTHMP	National Tsunami Hazard Mitigation Program
NVEWS	National Volcano Early Warning System
NWAC	Northwest Weather and Avalanche Center
NWN	Northwest (NW) Natural Gas
NWRFC	Northwest River Forecast Center (National Weather Service)
NWS	National Weather Service
OAIRS	Oregon All Incident Reporting System (State Fire Marshal)
OAR	Oregon Administrative Rule

OBSMAP	Oregon Beach and Shoreline Mapping and Analysis Program
OCAR	Oregon Climate Assessment Report
OCCRI	Oregon Climate Change Research Institute
OCMP	Oregon Coastal Management Program
OCS	Oregon Climate Service
OCSRRI	Oregon Coastal Salmon Restoration Initiative
ODA	Oregon Department of Agriculture
ODE	Oregon Department of Education
ODF	Oregon Department of Forestry
ODFW	Oregon Department of Fish and Wildlife
ODOE	Oregon Department of Energy
ODOT	Oregon Department of Transportation
ODR	Oregon Department of Revenue
ODTWG	Oregon Distant Tsunami Working Group
OE	Office of Electricity Delivery and Energy Reliability (U.S. Department of Energy)
OECD	Oregon Economic and Community Development Department (now Business Oregon-IFA)
OEM	Oregon Office of Emergency Management
OEMA	Oregon Emergency Management Association
OERS	Oregon Emergency Response System
OFR	Open File Report
OGDC	Oregon Geologic Data Compilation
OGIC	Oregon Geographic Information Council
OHA	Oregon Health Authority
OHD	Oregon Health Division
OHIRA	Oregon Hazard Identification and Risk Assessment
OHP	Oregon Highway Plan
OIG	Office of Inspector General (U.S.)
OLC	Oregon Lidar Consortium
OMB	Office of Management and Budget (U.S.)
OMD	Oregon Military Department
OPDR	Oregon Partnership for Disaster Resilience
OPH	Oregon Public Health
OPRD	Oregon Parks and Recreation Department
OPUC	Oregon Public Utility Commission
OR-OSHA	Oregon Occupational Safety and Health Administration

ORP	Oregon Resilience Plan
ORS	Oregon Revised Statutes
OSBEELS	Oregon State Board of Examiners for Engineering and Land Surveying
OSBGE	Oregon State Board of Geologist Examiners
OSFM	Office of State Fire Marshal
OSG	Oregon Sea Grant (Oregon State University)
OSHA	Occupational Safety and Health Administration
OSLR	Oregon Seismic Lifeline Report
OSMB	Oregon State Marine Board
OSP	Oregon State Police
OSSPAC	Oregon Seismic Safety Policy Advisory Commission
OSU	Oregon State University
OUNS	Oregon Utility Notification System
OUS	Oregon University System
OWEB	Oregon Watershed Enhancement Board
OWRD	Oregon Water Resources Department
PA	Public Assistance
PAS	Planning Advisory Service (American Planning Association)
PDA	Preliminary Damage Assessment
PDF	Portable Document Format
PDM	Pre-Disaster Mitigation
PDSI	Palmer Drought Severity Index
PGE	Portland General Electric
PL	Public Law
PM ₁₀	Particulate Matter less than 10 micrometers in diameter
PMT	Project Management Team
PNP	Private Non-Profit organization
PNW	Pacific Northwest
PNWCG	Pacific Northwest Wildfire Coordinating Group
PNWR	Portland & Western Railroad
POTB	Port of Tillamook Bay Railroad
PRISM	Parameter-elevation Relationships on Independent Slopes Model, an interpolation method and name of associated climate group at Oregon State University
PSA	Public Service Announcement
PSAP	Public Safety Answering Point
PSU	Portland State University

PUC	Public Utility Commission (State of Oregon)
PUD	People’s Utility District
PVC	Polyvinyl Chloride
RACES	Radio Amateur Civil Emergency Services
RAFT	Rapid Assessment of Flooding Tool
RAPTOR	Real-Time Assessment and Planning Tool for Oregon
RARE	Resource Assistance for Rural Environments (University of Oregon)
RAS-C	Risk Assessment Sub-Committee (State of Oregon IHMT)
RCP	Representative Concentration Pathway
REDARS2	Risks from Earthquake Damage to Roadway Systems
RFC	Repetitive Flood Claim (NFIP)
RFPA	Rangeland Fire Protection Association
RFPD	Rural Fire Protection District
RGP	Regional General Permit (Oregon Department of State Lands)
RHS	Rural Housing Service (U.S. Department of Agriculture (USDA))
Risk MAP	Risk Mapping, Assessment, and Planning Program (FEMA)
RL	Repetitive Loss
RM	Risk Management Division (State of Oregon, Department of Administrative Services)
ROS	Rain on Snow
ROW	Right of Way
RPC	Recovery Planning Cell (State of Oregon Executive Order 08-20)
RVS	Rapid Visual Screening
RWIS	Road Weather Information System
SB	Senate Bill (Oregon Legislature)
SBA	Small Business Administration (U.S.)
SC	Steering Committee (OSLR)
SD	Substantial Damage
SEAO	Structural Engineers Association of Oregon
SFC-LPA	Southern Flow Corridor — Landowner Preferred Alternative
SFHA	Special Flood Hazard Area
SHMO	State Hazard Mitigation Officer
SI	Substantial Improvement
SJR	Senate Joint Resolution
SLIDO	Statewide Landslide Inventory Database for Oregon
SM	Snowmelt

SMART	Specific, Measurable, Achievable, Realistic, Time-oriented
SMC	State Management Cost
SNHMP	State Natural Hazards Mitigation Plan
SNOTEL	Snow Telemetry site; part of an automated system of snowpack and related climate sensors operated by the USDA NRCS.
SOI	Southern Oscillation Index
SoVI	Social Vulnerability Index
SRGP	Seismic Rehabilitation Grant Program (State of Oregon)
SRIA	Sandy Recovery Improvement Act of 2013
SRL	Severe Repetitive Loss (NFIP)
SRS	Self-Determination Act
SSF	State Support Function
SUA	State Unit on Aging
SUB	Springfield Utility Board
SWCD	Soil and Water Conservation District
TAG	Technical Assistance Grant (Land Conservation and Development Commission)
TDD	Transportation Development Division (ODOT)
TDR	Transfer of Development Rights
TGM	Transportation and Growth Management Program (Department of Transportation)
THIRA	Threat and Hazard Identification and Risk Assessment
TIM	Tsunami Inundation Map (DOGAMI)
TNC	The Nature Conservancy
TRG	Technical Resource Guide
U.S.C.	United States Code
UASI	Urban Area Security Initiative
UGB	Urban Growth Boundary
UO	University of Oregon
UP	Union Pacific (railroad)
URM	Unreinforced Masonry
US	United States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDOC	United States Department of Commerce
USDOE	United States Department of Energy
USDOI	United States Department of the Interior
USDOT	United States Department of Transportation

USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
V	Vulnerable
VE	Flood Insurance Rate Map (FIRM) zone: an area inundated by 1% annual chance flooding with velocity hazard (wave action); base flood elevations have been determined.
WACO	Water Availability Committee of Oregon
WHZ	Wildfire Hazard Zone
WRD	Water Resources Department (State of Oregon)
WREP	Wetlands Reserve Enhancement Program
WRH	Western Region Headquarters (NOAA National Weather Service)
WRP	Wetlands Reserve Program
WSSPC	Western States Seismic Policy Council
WSU	Washington State University
WUI	Wildland-Urban Interface
WWRA	West Wide Risk Assessment
WWTP	Wastewater Treatment Plant
YBP	Years Before Present