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Definitions of Abbreviations, Acronyms, and Initialisms

Term	Definition
§	Section
¹³⁷ Cs	Cesium 137 isotope
1D	One-dimensional
²¹⁰ Pb	Lead 210 isotope
2D	Two-dimensional
⁷ Be	Beryllium 7 isotope
7Q ₁₀	Seven-day, ten-year low flow
ABF	New England Aquatic Base Flow
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
AHA	All-H Analyzer
APE	Area of Potential Effect
APLIC	Avian Power Line Interaction Committee
BLM	U.S. Department of Interior, Bureau of Land Management
C ₁₃	Carbon 13 isotope
CEC	California Energy Commission
CFR	Code of Federal Regulations
cfs	Cubic feet per second
CLAMS	Coastal Landscape Analysis and Modeling Study
cm	Centimeter
CRI	Cumulative Risk Initiative
CWA	Clean Water Act
D ₅₀	Median particle size diameter
D ₈₄	Particle size diameter that equals or exceeds 84 percent of the streambed particles
DA	Decision Analysis
DDT	Dichloro-diphenyl-trichloroethane
DEM	Digital Elevation Model
DFA	Demonstration Flow Assessment
DIDSON	Dual-frequency Identification Sonar
DO	Dissolved oxygen
DOE	Determination of eligibility
DTM	Digital terrain model
e.g.	<i>exempli gratia</i> , for example
EA	Environmental Assessment
EDT	Ecosystem and Diagnosis Treatment
EIS	Environmental Impact Statement
EPA	United States Environmental Protection Agency
EPRI	Electric Power Research Institute
EPRI CompMech	The Electric Power Research Institute program on compensatory mechanisms in fish populations
ESA	Federal Endangered Species Act
et al.	<i>et alii</i> , and others
etc.	<i>et cetera</i> , and so forth
FERC	Federal Energy Regulatory Commission
FESWMS	Finite Element Surface Water Modeling System
FFG	Functional feeding group
FLIR	Forward-looking infrared
ft	Foot or feet
ft ²	Square foot or feet
GIS	Geographic Information System
HBI	Hilsenhoff Biotic Index

Term	Definition
HEC-RAS	The Hydrologic Engineering Center's River Analysis System
HRC	Hydropower Reform Coalition
HSPF	Hydrologic Simulation Program Fortran
i.e.	<i>id est</i> , that is
IBI	Index of Biological Integrity
IFIM	Instream flow incremental methodology
IHA	Indicators of Hydraulic Alteration
ILP	Integrated licensing process
Inc.	Incorporated
ISAB	Independent Scientific Advisory Board
km	Kilometer
LAC	Limits of acceptable change
LIDAR	Light detection and ranging
LWD	Large woody debris
m	Meter
MesoHABSIM	Mesohabitat simulator
mm	Millimeter
mm y ⁻¹	Millimeters per year
N ₁₅	Nitrogen 15 isotope
N ₁₇	Nitrogen 17 isotope
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NGO	Non-governmental organization
NMFS	National Marine Fisheries Service
No.	Number
NOAA	National Oceanic and Atmospheric Administration
NRC	National Research Council
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historical Places
ODFW	Oregon Department of Fish and Wildlife
PCBs	Polychlorinated biphenyls
PCR	Polymerase chain reaction
PGE	Portland General Electric
pH	Potential of hydrogen
Ph.D.	Doctor of Philosophy
PHABSIM	Physical Habitat Simulation
PIER	Public Interest Energy Research Program
PIT	Passive integrated transponder
PM&E	Protection, mitigation, and enhancement
PNNL	Pacific Northwest National Laboratory
QHA	Qualitative Habitat Assessment
QUAL2k	EPA's Stream Water Quality Model
RCHARC	The Riverine Community Habitat Assessment and Restoration Concept
RVA	Range of Variability Approach
Sac EFT	Sacramento Ecological Flows Tool
SALMOD	USGS's Salmonid Population Model
SCORP	Oregon Statewide Comprehensive Outdoor Recreation Plan
SHPO	Oregon's State Historic Preservation Office
SHRP	Salmon Habitat & Recovery Planning
SLAM	Salmon Lifecycle Analysis Modules
SNTEMP	Stream Network Temperature model
SPAZ	Salmon Population Analyzer

Term	Definition
SSTEMP	Stream Segment Temperature model
SWAM	Salmonid Watershed Analysis Model
t km ⁻² y ⁻¹	Tons per square kilometer per year
TCPs	Traditional cultural properties
TDG	Total dissolved gas
THPO	Tribal historic preservation offices
TMDL	Total maximum daily load
TSI	Trophic state index
ULEP	Umpqua Land Exchange Project
USACE	U.S. Department of Defense, Army Corps of Engineers
USDA Forest Service	U.S. Department of Agriculture, Forest Service
USFWS	U.S. Department of Interior, Fish and Wildlife Service
USGS	U.S. Department of Interior, Geological Survey
vs.	Versus
WUA	Weighted useable area