

### List of Abbreviations and Acronyms

AAR	After Action Review
ACHP	Advisory Council on Historic Preservation
AD	Anno Domini, 1 AD is the year one
ADEQ	Arizona Department of Environmental Quality
ADOC	Arizona Department of Commerce
ADOT	Arizona Department of Transportation
AEF	Assessment of Effect
AGFD	Arizona Game and Fish Department
AGL	Above Ground Level
AMR	Appropriate Management Response
AMSET	Adaptive Management Services Enterprise Team
AQRV	Air Quality-Related Values
ATV	All-Terrain Vehicle
BA	Biological Assessment
BAER	Burned Area Emergency Rehabilitation
BIA	Bureau of Indian Affairs
BIFC	Boise Interagency Fire Center
BLM	Bureau of Land Management
BMP	Backcountry Management Plan
BO	Biological Opinion
BOF	Bureau of Forestry
BP	Before Present
CAA	Clean Air Act
CBI	Composite Burn Index
CE	Categorical Exclusion
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
cfs	Cubic Feet per second
CH <sub>4</sub>	Methane
cm	Centimeter
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
db	Decibels
dbA	A-weighted decibels
dbh	Diameter breast height
DEIS	Draft Environmental Impact Statement
DOI	Department of the Interior
DO	Director's Order
dv	Deciview
EA	Environmental Assessment
EIS	Environmental Impact Statement
EO	Executive Order
EPA	Environmental Protection Agency
ERT	Emission Reduction Techniques
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FEA	Fire Exclusion Area
FEIS	Final Environmental Impact Statement

FEIS	Fire Effects Information System
FIREMON	Fire Effects Monitoring and Inventory System
FIREPRO	Fire Budgeting Program (NPS)
FARSITE	Fire-behavior prediction model
FlamMap	Fire-behavior prediction model
FMO	Fire Management Officer
FMP	Fire Management Plan
FMU	Fire Management Unit
FOFEM5	First Order Fire Effects Model, Version 5
FPA	Fire Program Analysis
FR	Federal Register
FTE	Full Time Equivalent
GCPNM	Grand Canyon-Parashant National Monument
GCV	Grand Canyon Village
GCVTC	Grand Canyon Visibility Transport Commission
GIS	Geographic Information System
GMP	General Management Plan
GRCA	Grand Canyon National Park
GRCW1	In-Canyon Transmissometer
GSA	Government Services Administration
ha	Hectare
HMMH	Harris Miller Miller and Hansen, Inc.
HTA	Helicopter Training Academy
HUC	Hydrologic Unit Code
IAP	Incident Action Plan
IMPROVE	Interagency Monitoring of Protected Visual Environments
ICS	Incident Command System
IDT	Interdisciplinary Team
JFSP	Joint Fire Science Project
JHA	Job Hazard Analysis
KNF	Kaibab National Forest
KSNL	Kaibab Squirrel National Natural Landmark
L <sub>90</sub>	Ambient Sound Level (dbA)
L <sub>nat</sub>	Natural Ambient Sound (dbA)
L <sub>max</sub>	Maximum A-weighted decibel levels
LAME	Lake Mead National Recreation Area
LANDFIRE	Fire modeling program
LANDSAT	Remote sensing by satellite
LCS	List of Classified Structures
m	Meter
MAC Group	Multi-Agency Coordination Group
MIST	Minimum Impact Suppression Tactics
MMA	Maximum Manageable Areas
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MRA	Minimum-Requirement Analysis

MRAF	Minimum-Requirement Analysis Form
NRCS	National Resources Conservation Service
MSL	Mean Sea Level
MSO	Mexican Spotted Owl
NAAQS	National Ambient Air Quality Standards
NBR	Normalized Burn Ratio
NBSMP	National Burn Severity Mapping Program
NCL	National Leadership Council
NEPA	National Environmental Policy Act
NFDRS	National Fire Danger Rating System
NFFL	Northern Forest Fire Laboratory
NFP	National Fire Plan
NFPA	National Fire Protection Association
NFPORS	National Fire Plan Operations and Reporting System
NHPA	National Historic Preservation Act
NIFC	National Interagency Fire Center
NNL	National Natural Landmark
NOI	Notice of Intent
NO <sub>x</sub>	Nitrous oxides
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRPP	Natural Resource Project Proposal
NESL G2	Navajo Endangered Species List Group 2 (Endangered)
NWS	National Weather Service
NWSC	National Wilderness Steering Committee
O <sub>3</sub>	Ozone
ONPS	Operation of National Park Service (refers to base funding; ONPS funding)
OPAC	Office of Planning and Compliance
PA	Programmatic Agreement
PAC	Protected Activity Center
PAH	Polynuclear Aromatic Hydrocarbons
Pb	Lead
PEPC	Planning Environments and Public Comment website (NPS)
PM	Particulate Matter
PM <sub>2.5</sub>	Particulate Matter less than 2.5 micrometers
PM <sub>10</sub>	Particulate Matter less than 10 micrometers
PPE	Personal Protective Equipment
ppm/hr	Parts per million per hour
RAWS	Remote Area Weather Station
RM	Reference Manual
RMP	Resources Management Plan
RNA	Resource Natural Area
ROD	Record of Decision
Rx	Prescribed Fire
S&RM	Science and Resource Management (Division of)
SAFENET	Wildland Fire Safety and Health Network
SEINet	Southwest Environmental Information Network (seinet.asu.edu)
SEL	Sound Exposure Levels

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SFRA	Special Flight Rules Area
SHPO	State Historic Preservation Officer
SMT	Smoke Management Technique
SO <sub>2</sub>	Sulfur dioxide
SWCA	SWCA Environmental Consultants
SWEPIC	Southwest Exotic Plant Information Clearinghouse
TCP	Traditional Cultural Property
TES	Threatened and Endangered Species
TFR	Temporary Flight Restriction
TNC	The Nature Conservancy
TU	Tuweep
USC	U.S. Code
USDA	U.S. Department of Agriculture
USDOJ	U.S. Department of the Interior
USFA	U.S. Fire Administration
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile Organic Compounds
WEPP FuME	Water Erosion Prediction Project Fuel Management Tool
WFA	Wildland Fire Associates
WFLC	Wildland Fire Leadership Council
WFMI	Wildland Fire Management Information System
WFU	Wildland Fire Use
WFURB	Wildland Fire Use for Resource Benefits
WSCA	Wildlife of Special Concern in Arizona
WUI	Wildland-Urban Interface
µg/m <sup>3</sup>	Micrograms per cubic meter