

Apache-Sitgreaves National Forests Land Management Plan

Programmatic Final Environmental Impact Statement

Apache, Coconino, Greenlee, and Navajo Counties, Arizona

Volume II. Chapter 4, Glossary, References, Index, and Appendices A through G



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Printed on recycled paper – August 2015

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Apache, Coconino, Greenlee, and Navajo Counties, Arizona

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Abstract: To comply with the National Forest Management Act and address changes that have occurred over the past 27 years, the Apache-Sitgreaves National Forests propose to revise the current land management plan (1987 plan). This programmatic final environmental impact statement (FEIS) documents analysis of the impacts of four alternatives developed for programmatic management of the 2.1 million acres administered by the Apache-Sitgreaves National Forests.

The FEIS documents the analysis of all alternatives and the associated environmental consequences at a programmatic level. The preferred alternative (alternative B) analyzed in this FEIS and reflected in the accompanying “Apache-Sitgreaves National Forests Land Management Plan,” would guide all natural resource management activities on the Apache-Sitgreaves National Forests. This alternative addresses new information and concerns received since the 1987 plan was published, and it meets objectives of Federal laws, regulations, and policies.

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Commonly Used Acronyms

ADA – Arizona Department of Agriculture	FSM – Forest Service Manual
ADEQ – Arizona Department of Environmental Quality	GBG – Great Basin Grassland
ADOT – Arizona Department of Transportation	GIS – Geographical Information System
AMS – Analysis of the Management Situation	GTR – General Technical Report
AZGFD – Arizona Game and Fish Department	HUC – Hydrologic Unit Code
ASQ – Allowable Sale Quantity	IC – Interior Chaparral
BAER – Burned Area Emergency Response	IRA – Inventoried Roadless Area
BLM – Bureau of Land Management	MBDRF – Mixed Broadleaf Deciduous Riparian Forest
BMP – Best Management Practice	MIS – Management Indicator Species
CCF – 100 cubic feet	MOU – Memorandum of Understanding
CER – Comprehensive Evaluation Report	MPOW – Madrean Pine-Oak Woodland
CFR – Code of Federal Regulations	MSO – Mexican Spotted Owl
CWPP – Community Wildfire Protection Plan	MSG – Montane/Subalpine Grasslands
CWRF – Cottonwood-Willow Riparian Forest	MVUM – Motor Vehicle Use Map
DBH – Diameter at Breast Height	MWRF – Montane Willow Riparian Forest
DMCF – Dry Mixed Conifer Forest	NEPA – National Environmental Policy Act
DRC – Diameter at Root Collar	NF – National Forest
EI – Ecological Indicator	NFMA – National Forest Management Act
EIS – Environmental Impact Statement	NFS – National Forest System
EPA – Environmental Protection Agency	NOA – Notice of Availability
EO – Executive Order	NOI – Notice of Intent
ESA – Endangered Species Act	NPS – National Park Service
FR – Federal Register	NRCS – Natural Resource Conservation Service
FSH – Forest Service Handbook	NRHP – National Register of Historic Places
	NRT – National Recreation Trail

Commonly Used Acronyms

NVUM – National Visitor Use Monitoring	SFF – Spruce-Fir Forest
OHV – Off-highway Vehicle	TCP – Traditional Cultural Property
PAC – Protected Activity Center	TES – Terrestrial Ecosystem Survey
PFA – Post-fledging Family Area	USC – United States Code
PFC – Proper Functioning Condition	USDA – United States Department of Agriculture
PJW – Piñon-Juniper Woodland	USFS – United States Forest Service
PNVT – Potential Natural Vegetation Type	USFWS – United States Fish and Wildlife Service
PPF – Ponderosa Pine Forest	WCRA – Wetland Cienega Riparian Areas
RMRS – Rocky Mountain Research Station	WMCF – Wet Mixed Conifer Forest
RNA – Research Natural Area	WQA – Wildlife Quiet Area
ROS – Recreation Opportunity Spectrum	WUI – Wildland-urban Interface
SAD – Sudden Aspen Decline	
SDG – Semi-Desert Grassland	

Chapter 4. Consultation and Coordination

Preparers and Contributors

The following individuals and Forest Service staff groups contributed to the development of this environmental impact statement:

Responsible Official

Calvin Joyner, Regional Forester for the Southwestern Region

Official Responsible for Preparing the FEIS

Thomas D. Osen, Forest Supervisor

Interdisciplinary Team Members

Table 177. Interdisciplinary team members for plan revision

Name	Title and FEIS Contribution	Education and Experience
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Name	Title and FEIS Contribution	Education and Experience
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Name	Title and FEIS Contribution	Education and Experience
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Denise VanKeuren	Former Range Program Manager (Range Specialist Report)	B.S., Natural Resources Management emphasis in Range, Arizona State University 33 years with the Forest Service

Other Forest Service Contributors

Review and input in the development of the proposed plan and FEIS were received from the staffs of the Alpine, Black Mesa, Clifton, Lakeside, and Springerville Ranger Districts, Supervisor's Office, and Southwestern Regional Office. Delilah Jaworski, social scientist with TEAMS Enterprise Unit, prepared the "Socioeconomic Resource Report." Tamara Conner, forest environmental coordinator, provided NEPA review and oversight.

Consultation and Coordination

The Forest Service consulted the following tribes, Federal, State, and local agencies, groups, and individuals during the development of this environmental impact statement:

Tribes

The following nine tribes and one chapter were consulted: White Mountain Apache Tribe, San Carlos Apache Tribe, Hopi Nation, Navajo Nation, Pueblo of Zuni, Yavapai-Apache Tribe, Tonto Apache Tribe, Fort McDowell Yavapai Nation, Yavapai-Prescott Indian Tribe, and the Ramah Chapter of the Navajo Nation.

Federal, State, and Local Agencies

Numerous Federal, State, and local agencies have been consulted in the development of the proposed plan and this FEIS. Complete mailing lists for the scoping periods are available in the "Plan Set of Documents." Some of the agencies consulted include the following:

U.S. Federal Advisory Council on Historic Preservation	Apache County Board of Supervisors
U.S. Army Corps of Engineers	Apache County Cooperative Extension Office
U.S. Bureau of Indian Affairs	Apache County Planning and Zoning
U.S. Bureau of Reclamation	Apache County Sheriff's Office
U.S. Customs and Border Protection	Catron County Board of Commissioners
U.S. Department of Energy	Coconino County Board of Supervisors
U.S. Department of Agriculture	Coconino County Planning and Zoning
U.S. Environmental Protection Agency	Gila County Board of Supervisors
U.S. Federal Energy Regulatory Commission	Graham County Board of Supervisors
U.S. Federal Highway Administration	Greenlee County Board of Supervisors
U.S. Fish and Wildlife Service	Greenlee County Road Department
U.S. National Park Service	Navajo County Board of Supervisors
U.S.D.A. Animal Damage Control	Navajo County Cooperative Extension
U.S.D.A. Farm Services Agency	Navajo County Sheriff's Office
U.S.D.A. Natural Resources Conservation Service	City of Holbrook
U.S. Congress Members	City of Show Low
U.S. Senate Members	City of St. Johns
Arizona State Representatives	City of Winslow
Arizona State Senators	Clay Springs-Pinedale Fire Department
Arizona Department of Environmental Quality	Eagar Town Council
Arizona Department of Mines and Mineral Resources	Eastern Arizona Counties Organization
Arizona Department of Public Safety	Forest Lake Fire District
Arizona Department of Transportation	Greer Fire District
Arizona Game and Fish Department	Heber-Overgaard Fire Department
Arizona Governor's Office	Lakeside Fire Department
Arizona State Forestry Division	Show Low Planning and Zoning Commission
Arizona State Historic Preservation Office	Town of Taylor
Arizona State Land Department	Town of Clifton
Arizona State Parks	Town of Duncan
New Mexico Department of Game and Fish	Town of Eagar
Apache County Natural Resource Conservation District	Town of Pinetop-Lakeside
	Town of Snowflake
	Town of Springerville
	Town of Taylor
	Winslow Chamber of Commerce

Others

Numerous groups and individuals participated in the process through written comments and by attending public meetings. Complete mailing lists are available in the “Plan Set of Documents.” Some of the groups consulted include the following:

Apache-Sitgreaves National Forests' Permit Holders	Disabled Explorers
Alpine Action Alliance	Ducks Unlimited
Alpine Chamber of Commerce	Earth Justice
American Sportfishing Association	Eastern Arizona Counties Organization
Animal Defense League of Arizona	Ecological Restoration Institute
Animal Welfare Institute	Economic Development for Apache County
Apache County ATV Roughriders	Forest Guardians
Apache County Historical Society	ForestERA
Archery Trade Association	Foundation for North American Wild Sheep
Arizona Cattle Growers' Association	Freeport-McMoRan Copper & Gold, Inc.
Arizona Council of Trout Unlimited	Friends of Anderson Mesa
Arizona Deer Association	Friends of Arizona Rivers
Arizona Desert Bighorn Sheep Society	Graham County Republicans
Arizona Elk Society	Grand Canyon Trust
Arizona Grazing Lands Conservation Association	Grand Canyon Wildlands Council
Arizona Healthy Grazing Coalition	Grand Canyon Wolf Recovery Project
Arizona Nature Conservancy	Great Old Broads for Wilderness
Arizona OHV Coalition	Greenlee County Cattle Growers Association
Arizona Public Service	Greenlee County Cowbelles
Arizona Riparian Council	Izaak Walton League of America
Arizona Trail Riders	Little Colorado River Plateau RC&D
Arizona Trappers Association	Little Colorado River Watershed Coordinating Council
Arizona Wilderness Coalition	Local Homeowner's Associations
Arizona Wildlife Federation	Maricopa Audubon Society
Arizona Wool Producers Association	National Assembly of Sportsmen's Caucuses
Arizona Zoological Society	National Rifle Association of America
Back Country Horsemen of America	National Shooting Sports Foundation
Back Country Pilots	National Wild Turkey Federation
Backcountry Horsemen of Arizona	Natural Heritage New Mexico
Bear Trust International	Navajo County ATV Roughriders
Blue Ribbon Coalition	Navopache Electric Co-op
Blue River Cowbelles	New Mexico Cattle Growers Association
Blue River Watershed Association	New Mexico Wilderness Alliance
Campaign for America's Wilderness	North American Bear Foundation
Campfire Club of America	North American Grouse Partnership
Center for Biological Diversity	Northern Arizona University
Center for Desert Archaeology	People of the West
Central Arizona Grotto	
Citizens for Multiple Land Use and Access (CMLUA)	
Defenders of Wildlife	

Public Employees for Environmental Responsibility	The Rewilding Institute
Public Lands Foundation	The Wilderness Society
Quails Unlimited	The Wildlands Project
Quality Deer Management Association	TRACKS
Ranching Heritage Alliance	Trout Unlimited
Recreational Boating and Fishing Foundation	Tucson Electric Power
Rocky Mountain Elk Foundation	University of Arizona
Ruffed Grouse Society	Upper Eagle Creek Watershed Association
Safari Club International	Upper Little Colorado River Watershed Partnership
Salt River Project	Western Environmental Law Center
Sand County Foundation	Western Lands Exchange Project
Save the Peaks Coalition	Western Watersheds Project
Sierra Club	White Mountain Audubon Society
Sky Island Alliance	White Mountain Conservation League
Southwest Center for Biological Diversity	White Mountain Open Trails Association
Southwest Environmental Center	White Mountain Regional Development Corporation
Southwest Forest Products	White Mountain Shooters Association
Springerville-Eagar Regional Chamber of Commerce	WildEarth Guardians
The Nature Conservancy	Wilderness Watch
The Northern Arizona Wood Products Association	

List of Agencies, Organizations and Persons to Whom Copies of the FEIS Were Sent

Notice of the availability of this FEIS was mailed to the public, forest employees, tribal governments, Federal and State agencies, and local governments. These mailing lists can be found in the “Plan Set of Documents” and are available on request. The FEIS is available on the forests’ web site. Printed copies or CDs are available upon request.