

Index

- access, 39, 43, 52
- air quality, iii, 109, 267, 273
- attainment areas, 109, 111
- effects to, 111
- national ambient air quality standards, 110
- regional haze, 111
- visibility, 110
- all-terrain vehicles (ATVs), 6, 33, 46, 47, 53, 158
- alternatives
 - actions common to alternatives 3 and 4, 18
 - alternative 2 (original proposed action), 23
 - alternative 3 (modified proposed action), 19
 - alternative 4, 21
 - alternative 5, 23
 - alternative 6, 23
 - alternative 7, 24
 - alternative 8, 25
 - comparison of, iii, 26
 - description of, iii, 17
 - details of, 17
 - eliminated from detailed study, 22
 - American peregrine falcon, 156, 186, 187
 - Anderson Mesa, v, 35, 37, 71, 82, 96, 118, 166, 236, 237, 241
 - antler gathering, 36
 - Apache-Sitgreaves National Forest, 32, 34, 43, 45, 46, 49, 51, 65, 99, 136, 137, 164, 166, 169, 171, 191, 193, 194, 197, 199, 202, 204, 207, 209, 210, 212, 215, 226, 229, 231, 232, 238, 243, 244, 261, 276, 280
 - aquatic resources, iii, 28, 137
 - aquatic habitat, 140
 - macroinvertebrates, 138
 - sensitive and candidate species, 151
 - Arizona cliffrose, 250, 284
 - Arizona Department of Environmental Quality, 109, 267
 - Arizona Game and Fish Department, 15, 24, 25, 32, 36, 40, 46, 48, 71, 80, 106, 108, 263, 265, 267, 269, 270, 277, 280, 281, 284
 - bald eagle, 156, 169, 179, 180, 221, 269
 - Beaver Creek, v, 59, 65, 82, 97, 98, 99, 118, 122, 130, 136, 138, 139, 140, 141, 150, 170, 202, 279
 - best management practices, 132, 135, 136, 145, 146, 246, 247
 - big game retrieval, 9, 19, 20, 21, 23, 24, 44, 75, 80, 104, 106, 132, 133, 145, 150, 173, 204, 205, 218, 222, 237, 256
 - Black-footed ferret, 156, 165, 284
 - botanical area, 56, 61, 63, 64, 250, 252
 - buffer strips, 143
 - Bureau of Land Management (BLM), 34, 45, 49, 52, 93, 94, 112, 169, 171, 172, 173, 174, 176, 178, 194, 196, 209, 221, 222, 243, 251, 261, 263, 264, 267, 278
 - California floater, 138, 151, 152, 154
 - Casner Mountain Trail, 10, 20, 22, 47
 - Challenger Trail, 13, 21, 22, 39, 46, 53, 54, 80, 95, 105, 127, 136, 145, 257, 259
 - Chiricahua leopard frog, 156, 166, 167, 285
 - Cinder Hills OHV Area, i, ii, 6, 10, 13, 17, 18, 77, 102, 104, 205, 212, 222, 249, 257
 - Cinnamon teal, 240
 - Clean Air Act, 109, 110
 - climate change, 148, 149, 151, 152, 153, 154, 164, 165, 189, 194, 195, 196, 200, 203, 205, 219, 227, 240, 241, 243, 247, 250, 252, 255, 256, 257, 259, 271, 272, 274, 277, 279, 280, 284
 - Colorado pikeminnow, 148, 149
 - common black hawk, 156, 185
 - conflict among users, 33, 41, 42, 49, 50, 51, 53, 64
 - counties, 83, 85, 109
 - cultural resources, iii, 95, 96, 99, 267, 276, 278, 280, 286
 - archaeological site conditions, 97
 - archaeological site density, 96
 - archaeological surveys, 96
 - effects to, 100
 - traditional cultural properties, 95, 100, 107, 259
 - decision on travel management, iii, 10
 - dispersed camping, i, 9, 12, 18, 34, 47, 48, 71, 75, 76, 103, 106, 120, 128, 132, 145, 284
 - dwarf shrew, 156, 205
 - East Clear Creek, v, 45, 56, 57, 60, 61, 65, 139, 145, 146, 149, 150, 152, 215, 216
 - economic contributions, 89, 90, 91, 92
 - nonmotorized recreation, 92
 - spending, iv, 89
 - economic effects, 93
 - elk, 157, 223, 229, 230, 271, 274, 276, 278
 - environmental study areas, 56

Index

- executive order, 3, 8, 251
- experimental forests, 57
- ferruginous hawk, 156, 191, 192
- fish passage, 143
- forest plan, 5, 8, 9, 18, 25, 56, 66, 67, 83, 101, 102, 180, 181, 248, 257
 - amending the forest plan, 9, 18, 26
- Fossil Creek, 57, 65, 75, 94, 107, 129, 138, 139, 140, 141, 146, 149, 150, 151, 152, 153, 168, 169, 170, 171, 172, 173, 174, 177, 178, 179, 185, 186, 199, 208, 218, 220, 233, 237, 238, 239, 243, 275
- Fossil springsnail, 138, 151, 152, 154
- four-spotted skipperling, 156, 195
- four-wheel drive vehicles, 47
- game management units, i, 9, 15, 20, 23, 48, 62, 80, 132, 133, 163, 174, 183, 184, 189, 190, 201, 203, 206, 222, 226, 228, 232, 238, 249, 251, 256
- garter snake
 - narrow-headed, 156, 218
- Northern Mexican, 156, 171
- General Crook Historic Trail, 103, 104, 105
- geological area, 56
- Gila chub, 138, 148, 150
- Gila monster, 156, 220
- Gila topminnow, 148, 149, 151
- golden eagle, 221
- Grand Canyon National Park, 109, 111
- greater western mastiff bat, 156, 212, 213
- hairy woodpecker, 230
- high-clearance roads, 33, 44, 45, 52, 53, 71
- highway-legal vehicles, 20, 22, 47, 131
- hunting, 35, 40, 48, 87, 108, 267, 278, 285
- IMPLAN (Impact Analysis for Planning model), 84
- INFRA database, 6
- input-output (I-O) economic model, 85
- issues, 12
- jeeping, 33, 39, 47
- juniper titmouse, 233, 235
- Kaibab National Forest, 9, 15, 20, 23, 25, 26, 32, 34, 45, 49, 65, 112, 164, 202, 213, 261
- Lake Mary, 7, 25, 30, 32, 47, 179, 180, 181, 222, 245, 254
- land and resource management plan (see also forest plan), i, 5, 283, 285
- Little Colorado spinedace, 148, 149, 150
- loach minnow, 148, 149, 150
- long-tailed vole, 156, 202, 203
- Lower Smasher Canyon, i, 9, 10, 13, 20, 21, 22, 23, 47, 80, 103, 104, 105, 131, 132, 145, 171, 217, 218, 251, 257, 258
- lowland leopard frog, 156, 177
- management indicator species, iv, 138, 154, 157, 223
- mayfly, 138, 151, 152, 154
- Mexican spotted owl, 156, 162, 163, 227, 230, 231, 270
- migratory birds, iv, 157
- Mogollon Rim, v, 1, 2, 34, 35, 45, 46, 47, 49, 57, 61, 71, 73, 79, 82, 93, 96, 116, 156, 158, 185, 201, 214, 221, 279
- Mormon Lake, v, 2, 25, 35, 47, 97, 98, 156, 188, 245, 261
- motor vehicle use
 - background information, iii, 2
 - current management, 5
 - desired management, 6
 - motor vehicle use map, 3, 4, 9, 18, 19, 26, 45, 103, 104, 288, 296
 - motorized cross-country travel, 5, 17, 18, 36, 38, 71, 72, 73, 74, 75, 80, 81, 82, 102, 104, 123, 144, 147, 153, 185, 187, 194, 195, 200, 207, 249
 - motorized recreation, 39, 46, 53
- mule deer, 235
- Munds Park, 10, 20, 22, 46, 116, 146
- national visitor use monitoring, 68, 74, 84, 111, 284
- Native Americans, 42, 43, 51, 100, 107, 108, 260, 292
- contemporary Indian uses, iii, 107
- Navajo Mogollon vole, 201
- nitocris fritillary, 156, 196
- Nokomis fritillary, 156, 198
- nonmotorized recreationists, 42, 50, 92
- northern goshawk, 156, 181, 182, 183, 225
- northern leopard frog, 156, 175
- Oak Creek Canyon, 32, 37, 172, 177, 178, 198, 199, 218
- off-highway vehicle (OHV) use, 30, 33
- pale Townsend's big-eared bat, 156, 211
- permitted activities, 3, 10, 19, 185, 249
- Plains harvest mouse, 156, 216
- Prescott National Forest, 32, 34, 112, 217, 219, 245, 283

- primitive areas, 14, 29, 31, 32, 38, 41, 49, 50, 52, 53, 58, 61, 64, 65, 88, 95, 289
- prohibition of cross-country motor vehicle travel, 62
- pronghorn antelope, 235
- proposed action, iii, 1, 8, 17
- public comments, 11
- public involvement, iii, 10
- purpose and need, 8
- pygmy nuthatch, 224, 225, 230, 231
- razorback sucker, 148, 149, 285
- recreation, iii, iv, 7, 27, 29, 30, 31, 32, 33, 34, 36, 43, 51, 58, 74, 85, 98, 146, 160, 162, 188, 261, 265, 266, 267, 268, 269, 270, 271, 272, 274, 276, 277, 278, 280, 285, 292
- activities, iv, 30, 31, 37
- driving for pleasure, 32
- trends, 30
- recreation opportunity spectrum, iii, 29, 41, 49, 50, 53
- Red Rocks, 37, 95
- red squirrel, 227, 230, 231
- red-naped sapsucker, 231, 235
- research natural area, 56
- riparian areas, 118, 123
- road density, 140, 142
- Roadless Area Conservation Rule, 64, 283
- roadless areas, 54, 60
- roads
 - closed, 9, 19, 21, 26, 101
 - closure orders, 5, 18, 93, 94
 - National Forest System roads, i, 6, 8, 9, 17, 18, 21, 23, 24, 32, 44, 60, 148, 149, 259
 - nonsystem, 9, 20, 21, 145, 150
 - unauthorized roads, 72
- rock climbing, 36
- San Francisco Peaks, 35, 57, 75, 80, 95, 96, 97, 105, 107, 201, 205, 206, 250, 252, 253, 257, 284
- scenic resources, iii, v, 65, 71, 72, 74
- Scenery Management System, 66
- scenic integrity objectives, iv, 67
- Visual Management System, 66
- visual quality objectives, 67
- sediment delivery, 114, 117, 121, 124, 125, 127, 128, 129, 130, 131, 134, 135, 143, 147, 148, 149, 151, 152, 153, 154
- Sedona, 1, 37, 61, 82, 95, 97, 98, 107, 158, 220, 265, 266, 294
- semi-primitive motorized, 29, 54
- semi-primitive nonmotorized, 14, 29, 41, 50, 52, 53, 54
- sensitive plant species, 253
- sensitive wildlife species, 138, 173
- single-track trails, 46
- Snowbowl Ski Area, 30, 105, 265
- socioeconomic analysis, iii, 83
- soils
 - compaction, 62, 72, 117, 122, 127, 129, 135, 182, 251, 255
 - effects of motorized trails, 120
- erosion hazard, iii, 27, 114, 116, 118, 119, 121, 122, 135, 139, 145, 182, 188, 237, 239, 240
- montane meadows, 117
- productivity, 123
- soil productivity, 115
- solitude, 31
- southwestern (Arizona) toad, 156, 173
- southwestern river otter, 156, 199
- southwestern willow flycatcher, 156, 168
- special areas, iii, 54, 56, 59, 261
- spikedace, 138, 148, 149, 150
- spotted bat, 156, 214
- stream crossings, iv, 114, 121, 130, 131, 132, 133, 134, 136, 139, 140, 143, 148, 152
- Sunset Crater beardtongue, 257
- threatened or endangered plants, 250
- threatened, endangered and sensitive species, 137
- Tonto National Forest, 19, 34, 43, 45, 46, 49, 51, 94, 112, 152, 168, 200, 251
- traditional cultural properties, 54, 107
- trails
 - 4x4 trails, 10, 20, 22, 47, 80
 - less than 50-inch-width, 10, 22
 - single-track, 10, 13, 20, 22, 33, 46, 47, 49, 50, 52, 53, 95
 - unauthorized trails, i, 5, 9, 20, 21, 27, 62, 64, 103, 104, 128, 162, 163, 165, 177, 180, 184, 190, 192, 195, 196, 197, 210, 216, 217, 218, 221, 226, 228, 229, 232, 234, 236, 237, 257
- travel analysis process, i, 4, 6, 17
- Travel Management Rule, 3, 4, 17, 19, 24, 25
- code of Federal regulations (36 CFR 212), i, 3, 4, 6, 8, 9, 18, 20, 21, 24, 25, 287, 288, 291, 296

Index

- turkey, 157, 223, 224, 225, 230, 231
- Upper Clear Creek, 118, 136, 138, 139, 140, 142, 145, 148, 149, 150, 152, 153
- user conflict, i, 2, 14, 29, 38, 41, 42, 43, 48, 51, 52, 63, 288, 289, 290
- utility-terrain vehicle (UTV), 33
- Verde River, v, 103, 119, 132, 136, 138, 139, 140, 141, 148, 149, 150, 151, 152, 155, 169, 170, 171, 173, 174, 175, 178, 179, 185, 186, 193, 199, 218, 219, 281
- Walnut Creek, 118, 130
- water quality, 119, 286
- weeds, 244, 245, 246, 247, 248, 249, 283
- WEPP model, 114, 125, 127, 131
- western burrowing owl, 190
- western red bat, 156, 207, 208
- Western yellow-billed cuckoo, 156, 170
- wet weather policy, 5, 24, 73, 127, 131, 175
- wetlands, 117, 123
- wild and scenic rivers, 57, 58, 65, 146, 169, 171, 173, 174, 186, 238, 243
- wilderness, iii, 25, 28, 54, 58, 59, 61, 63, 64, 261, 265, 266, 284, 296
- Fossil Springs, 61, 79
- Fossil Springs Wilderness, 61, 79
- Kachina Peaks, 253
- Kachina Peaks Wilderness, 61, 253
- Mazatzal, 109
- Pine Mountain, 109
- potential wilderness, iv, 28, 59, 60, 61, 62, 63, 64
- Red Rock Secret Mountain Wilderness, 61
- Sycamore Canyon, 109, 111
- West Clear Creek Wilderness, 34, 61, 207
- wildlife, 155
- special status species, iv, 156
- wildlife habitat management areas, 57, 61
- Wupatki Arizona pocket mouse, 156, 204
- yellow-breasted chat, 224, 238, 239
- Yuma clapper rail, 156, 168