Grand Canyon

What are the Impacts From the Five Fire Management **Alternatives?**

This table is not a reflection of the entire analysis. To review the entire analysis by impact topic please review the summary table and environmental consequences in the DEIS.

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| | Alternative 1 Current | | Alternative 2 | | Alternative 3 | | Alternative 4 | | Alterr | |
|-----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|--|
| Vegetation and Fire Ecology | Regional and Local | | Regional and Local | | Localized | | Regional and Local | | Regional | |
| | Regional and Local | Regional and Local | Regional and Local | |
| Special Status Plant Species | Localized | Localized | Localized | Localized | Localized | | Localized | Localized | Localized | |
| | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Exotic Plant Species | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Wildlife | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Special Status Wildlife | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Cultural Resources | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| | PLANNED negligible to minor | UNPLANNED negligible to major | PLANNED negligible to minor | |
| Air Quality | Localized | | Localized | | Regional | Sulfur Dioxide | Regional | Sulfur Dioxide & particulates | Regional | |
| Soils & Watersheds | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Soundscape | Regional to Local | Regional and Local | Regional to Local | Regional and Local | Regional to Local | Regional and Local | Regional to Local | Regional and Local | Regional to Local | |
| | Regional and Local | Regional and Local | Regional and Local | |
| Wilderness Character | Regional and Local | Regional and Local | Regional and Local | Regional and Local | | | Regional and Local | Regional and Local | Regional and Local | |
| | Regional and Local | Regional and Local | Regional and Local | |
| Visitor Experience | Localized | Localized | Localized | Localized | Localized | Localized | Loca | alized | Localized | |
| | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | Localized | |
| Socioeconomic Environment | Regional and Local | Regional and Local | Regional and Local | |
| | Localized Regional and Local | | Localized | | Localized | | Localized | | Loc | |
| Park Management and Operations | | | | | Regional | Regional | Regional | Regional | | |
| | Regional | | Regional | Regional | Regional | | | | | |



Stand replacement fire effects behind large aspen patch – North Rim

Impact Comparisons for the Five Fire Management Alternatives

Beneficial: 🛛 Major 🗖 Moderate 🗖 Minor

Negligible



Protecting a historic building with fire shelter wrap – North Rim

National Park Service US Department of the Interior

Grand Canyon National Park Arizona

Adverse: Major Moderate Minor



Backing fire during a wildland fire use fire – North Rim



ernative 5 al and Local **Regional and Local** Localized Localized Localized Localized Localized Localized Localized Localized UNPLANNED negligible to major Carbon Dioxide & Nitrogen Oxide Localized Localized **Regional and Local Regional and Local Regional and Local Regional and Local** Localized Localized **Regional and Local** ocalized

Regional