Title: Assessment of wildland fire management in South Africa

David Flores, Desmond Lartey, Louis Fleming, and other SA fire managers

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**SA fire managers**

Cover photo:

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**Abstract (David)**

This report examines the state of contemporary perceptions of wildland fire managers in South Africa. The perspectives of wildland fire managers in South Africa are presented in an effort to provide the USDA Forest Service and the Government of South Africa with a comprehensive depiction of wildland fire management. This report identifies…

The findings are organized into…

**Keywords:** South Africa, wildfire, bushfire, fire management

# summary (David)

The general purpose of this report is to examine the state of contemporary contemporary perceptions of wildland fire managers in South Africa. Our investigation proceeds not through an evaluation of current policies and practices but, instead, by providing the reader access to the perspectives of wildland fire managers on… Our goal is to provide the USDA Forest Service and South African Government (and anyone else) with a comprehensive depiction of wildland fire management perspectives. Learning about the perspectives of employees doing the work of wildland fire management opens meaningful lines of research and practice that may not otherwise be apparent. This analysis of wildland fire management also holds the possibility of…

This General Technical Report identifies the 5 R’s of Integrated Fire Management…

1. Review and analysis: define analyze, and track fire activity and impacts
2. Risk Reduction: strategies for fire use, ignition, reduction, and impact mitigation
3. Readiness: Preparedness to manage fires
4. Response: Fire response operations
5. Recovery: Post fire repair, loss reduction, and community assistance

# Introduction (david)

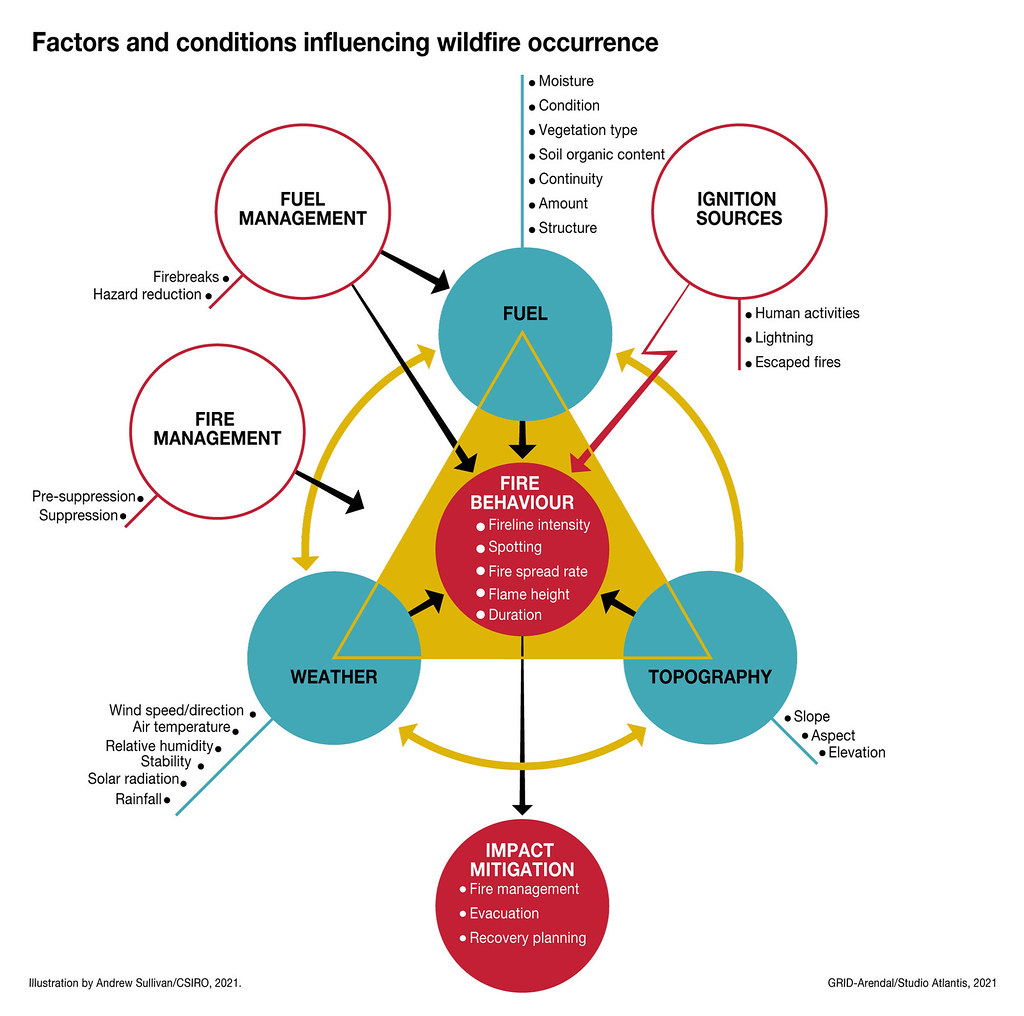
## Purpose of this Study

The purpose of this study is to provide an assessment of wildland fire management in South Africa, specifically within the framework of Integrated Fire Management (IFM). This study proceeds not through an evaluation of current policies, but instead by providing the reader access to the perspectives of wildland fire managers working in the context of South Africa. Our goal is to provide the USDA Forest Service and South African government (and anyone else) with a comprehensive depiction of wildland fire management in South Africa. Learning about the perspectives of wildland fire managers opens meaningful lines of research and practice that may not otherwise be apparent.

## Background (2 pages) (David)

Wildland fire-related programming is in high demand throughout the world, and Africa is no exception. Africa has the highest portion of fire-prone ecosystems in the world, and climate change is creating warmer, drier conditions (CITE SOURSE). When measured by satellite, annual burned area in Africa accounts for approximately 67% of the global total. Impacts are more difficult to measure, but run the gamut, both positive and negative (CITE MATT JOLLY).

Integrated Fire Management (IFM) recognizes that fire is a natural and necessary ecological process in many ecosystems, playing a crucial role in maintaining biodiversity, nutrient cycling, and overall ecosystem health. However, it also acknowledges that fire can pose risks to human life, property, and livelihoods. IFM emphasizes the integration of various strategies and tools to effectively manage fire in a way that minimizes negative impacts while promoting positive impacts, such as ecological health and community safety. This includes acknowledging fire’s positive and negative impacts from ecological, economic and socio-cultural perspectives and the trade-offs that inevitably result from decisions and actions.



## Structure of this Report (David)

This General Technical Report identifies…

IFM activities are categorized in one of five groups. The groupings help operationalize and compartmentalize fire management actions.

# Methodology (desmond)

Describe the tool that was used and how it was used.

We utilized…

# Findings and Analysis (Desmond)

## Review and Analysis

Include visualizations and write ups from power point. I can add to the writing after you decide which visualizations and points that you think are important to make.

## Risk Reduction

Include visualizations and write ups from power point. I can add to the writing after you decide which visualizations and points that you think are important to make.

## Readiness

Include visualizations and write ups from power point. I can add to the writing after you decide which visualizations and points that you think are important to make.

## Response

Include visualizations and write ups from power point. I can add to the writing after you decide which visualizations and points that you think are important to make.

## Recovery

Include visualizations and write ups from power point. I can add to the writing after you decide which visualizations and points that you think are important to make.

# Discussion (David)

David will write this up after background and results are written.

# Conclusion (David)

David will write this up after background, results and discussion are written.

# References