AG301 Final

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Introduction

Geographic Information Systems (GIS) are a powerful tool for analyzing and visualizing spatial data. Combining existing land management and burning practices with GIS can leverage these tools to restore and protect ecosystems on a greater scale.

NASA's Fire Information for Resource Management System (FIRMS)

Provides a near real-time view of global fire activity. FIRMS can be used to monitor active fires, track fire history, and assess fire damage. FIRMS data can be used to identify areas at risk of wildfires and inform land management decisions.
Dynamic fire maps can be created to monitor fire behavior and aid in long-term planning. By integrating FIRMS data with GIS, land managers can identify areas at risk of wildfires and implement preventative measures.

NASA's EarthData

Conclusion

Sources:

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