JFSP Final Report Summary

Project #: 14-5-01-1

Title: Programmatic analysis of fuel treatments: From the landscape to the national level

Principal Investigator:

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Objectives:

- Identify fuel treatment locations that generate the greatest return on investment at the landscape for any budget level.

- Use the landscape frontier to form a national program with regional extensions that will guide the allocation of funds to landscapes and regions while promoting national priorities.

- Implement and analyze the impacts of national fuel treatment policies including those that target property protection, resilient landscapes, and the preservation of fuel treatment investments.

Proposed deliverables:

- Refereed publication
- Presentations for National Park Service, Fish and Wildlife Service, and JFSP Exchange Network
- Datasets
- Conference presentations and proceedings

Status of data collection and analysis
Complete

Status of deliverables/findings
Complete

Status of metadata/datasets
Submitted to FS R&D data archive

Notes/interesting findings

- The researchers successfully developed the scientific concepts and techniques for economically sound and socially stable budget formation and allocation from the planning unit to the national level.
- The use of a common performance metric throughout of “return on investment” was both viable and reflected DOI policy.

Future work:
N/A

Final recommendation
Project is complete