



Peer Review Plan

(Reference [Information Quality Act](#))

FS-1400-0003 (V.1.2) 5/16

Influential Scientific Information Pe

Highly Influential Scientific Assessment

Agency

USDA Forest Service

Agency Contact (name/ email/ phone)

Alan Ager, alan.ager@usda.gov; 541-278-3740

Title of Review

Fireshed Registry GTR

Purpose of Review

This review is a required procedure used by the scientific community to ensure the quality and credibility of the HISA research proposed.

Type of Review

Panel Review

Individual Review

Scientific blind peer review; technical review; and management review

Alternative Process (Briefly Explain):

Timing of Review

01/20/21

Start

10/1/2020

3 or fewer

Number of Reviewers

4 to 10

End

1/20/2021

More than 10

Primary Discipline/Types of Expertise Needed for Review

Wildfire modeling, geospatial analysis; geospatial portal development, wildland urban interface, wildfire transmission

Reviewer Names and Affiliations

1. Blind peer reviews from four prior journal articles cited below.
2. Technical reviews: Eric Aiello, Branch Chief of Geospatial Services, USFS;
3. Managerial reviews: see attached table;
4. Policy review: Sara Brown, Program Manager of Fire, Fuel and Smoke Science Program at RMRS, USFS; Monica Lear, RMRS Station Director, USFS

Expected Publication Outlet (Science or Similar Peer Reviewed Journal)

RMRS General Technical Report

Reviewers Selected by:

Agency

Designated Outside Organization

Organization's Name: _____

Opportunities for Public Comment?

Yes No

If yes, briefly state how and when these opportunities will be provided:

How: _____

When: _____

Peer Reviewers Provided with Public Commentary

 Yes No**Summary of Peer Reviewers' Comments**

Aiello: I reviewed both documents and I think they are great, no valuable input or concerns from me!

Forest Service Manager Input: Material in the publication was reviewed and found useful by planners and fuel management staff in all Forest Service Regions. They used the data in multiple prioritization problems for FY21 budget allocation.

Public Nominations Requested for Review Panel

 Yes No**Other Comments**

The methods in this paper were peer reviewed during publication of:

Ager, A. A., P. Palaiologou, C. Evers, M. A. Day, C. Ringo, and K. C. Short. 2019. Wildfire exposure to the wildland urban interface in the western US. *Applied Geography* 111: 102059.
doi: 10.1016/j.apgeog.2019.102059

Ager, A. A., P. Palaiologou, C. R. Evers, M. A. Day, and A. M. G. Barros. 2018. Assessing transboundary wildfire exposure in the southwestern United States. *Risk Analysis* 38:2105-2127.

Palaiologou, P., A. A. Ager, C. R. Evers, M. Nielsen-Pincus, M. A. Day, and H. K. Preisler. 2019. Fine-scale assessment of cross-boundary wildfire events in the western United States. *Natural Hazards and Earth System Sciences* 19: 1755–1777

Ager, A. A., K. C. Vogler, M. A. Day, and J. D. Bailey. 2017. Economic opportunities and trade-offs in collaborative forest landscape restoration. *Ecological Economics* 136:226-239.

Ager, A. A., R. Houtman, M. A. Day, C. Ringo, and P. Palaiologou. 2019. Tradeoffs between US national forest harvest targets and fuel management to reduce wildfire transmission to the wildland urban interface. *Forest Ecology and Management* 434:99-109.

Fireshed Registry Managerial Review Addendum

Application of the Fireshed Registry for prioritization to inform agency initiatives and reporting requests and participating US Forest Service reviewers.

Application	Description	Reviewers	Citation
USDA Forest Service National Investment Strategy for Reducing Fire Risk	A multiyear, focused investment in large, cross-boundary critical landscapes for fire risk reduction	Washington Office Hazardous Fuels Leadership and Staff	USDA Forest Service (2018)
Response to Executive Order 13855 Promoting Active Management of America's Forests, Rangelands, and Other Federal Lands to Improve Conditions and Reduce Wildfire Risk	Requires identification of DOI- and USDA FS-administered lands where there is a high probability that wildfires would threaten people, structures, or other high-value assets.	Washington Office Hazardous Fuels Leadership and Staff	E.O. 13855 subsection 5(b)(i) (Dec 21, 2018)
FY21 Hazardous fuels allocation	The USFS anticipates allocating up to \$1 million for priority projects including risk-based hazardous fuels and fire management.	Washington Office Hazardous Fuels Leadership and Staff	USDA Forest Service (2018)
Development of USDA FS Shared Stewardship performance metrics	The USDA FS Shared Stewardship Performance Framework includes identifying specific indicators related to wildfire risk reduction in priority firesheds.	Washington Office Shared Stewardship Leadership, regional planners	USDA Forest Service (2018)
Prioritization of USDA Forest Service and NRCS Joint Chiefs' Restoration Partnership Projects	FY21 project proposal evaluation criteria include a wildfire risk reduction objective.	Washington Office Forest and Restoration Management staff	USDA Forest Service (2019)

USDA Forest Service. 2018. Towards shared stewardship across landscapes: An outcome-based investment strategy. FS-118, USDA Forest Service, Washington, DC.