

LANDFIRE's Office Hour - REGISTER

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● NEWS ●



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LANDFIRE News:

- **LANDFIRE Responds:** Supporting peer-reviewed work
- **LANDFIRE Office Hour:** LAND(FIRE) + Fuel = Smoke, Paul Corrigan, USFS, R4 (+) Special (BONUS) Office Hour with Matt Germino, et al.
- **Hurricane Helene included in LF 2024 PDist:** How'd we do it?
- **New content alert:** NEW Fire Section highlights foundational importance of LANDFIRE in Fire and Fuel Community
- **Does LANDFIRE know about your work?** (Why not?)
- **NOTE: Daily MoD-FIS is available again:** Find it on the Map Viewer (MoD-FIS) for the Southeast United States) is available again on the Map Viewer

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● RESPONDS ●

Welcome to this series where we communicate how **LANDFIRE responds** to the changing needs of users.

Challenge: Producing peer-reviewed products is a significant undertaking, and staying informed about how LANDFIRE is currently being used in the scientific community only adds to that complexity. LANDFIRE created a few tools to lighten this load and help the user community find reputable resources and receive feedback.

Solution: The following resources are part of our ongoing effort to support high-quality work, encourage collaboration, and increase accessibility to LANDFIRE-related science.

Research Submission

Form: LANDFIRE users preparing manuscripts, reports, or presentations that include LANDFIRE products can **request a friendly, informal review—at any stage of development**. Submissions are reviewed in the spirit of partnership—to support clear, effective, and transparent communication of LANDFIRE-informed science. Submissions can be made below.

LANDFIRE Literature Library: The LANDFIRE Literature Library includes **over 1,600 peer-reviewed journal articles** that cite or relate to LANDFIRE tools, data, or applications. This searchable resource lets users explore research by topic, author, or publication year—making it easier to find relevant studies and examples of LANDFIRE in action. Check out the LANDFIRE Literature Library below.



LANDFIRE Research Submission Form



**LANDFIRE Related Articles
(searchable database!)**

[Research Submission Form](#)

[LANDFIRE Related Articles](#)

LANDFIRE Office Hour

**FUEL + (LAND)FIRE =
SMOKE**

August 27, 2025 1 pm (ET)

Paul Corrigan, Smoke and Remote
Automatic Weather Station
Coordinator, US Forest Service

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Miss an Office Hour? Check them
out below!



Land managers often need to estimate smoke emissions. This is done for burn permits, emissions inventories, and when responding to requests for inquiry. LANDFIRE provides key products that allow for smoke emissions estimates at scale. Join us for a hands-on exercise using FCCS fuelbeds, BlueSky playground, and the CONSUME emissions model.

PARTNER ORGANIZATION: US Forest Service, Region 4



Special (Bonus) Office Hour Added:

September 17: Fuel Treatments in Sagebrush and Other Semiarid Uplands: the FIREss Approach to Improving Mapping, Planning, and Effectiveness*

Speakers: Matt Germino, Supervisory Research Ecologist, Jake Price, Ecologist, Chad Kluender, Ecologist, Cara Applestein, Ecologist, U.S. Geological Survey Forest & Rangeland Ecosystem Science Center

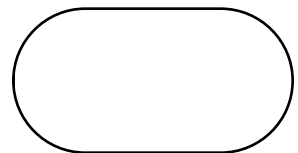
BLM, FWS, NPS, DOD and many other agencies responsible for managing the dry, non-forested uplands of the western USA have teamed with the USGS FIREss team (Fires, Invasives, Restoration of Shrub Steppe) to find ways of adapting new technologies to their information needs in managing invasive annual grass and wildfire risks at large-landscape, project scales. We will demonstrate several recent examples of how new approaches to field monitoring and modeling are building upon LANDFIRE, RAP, and other digital tools improving the efficiency and effectiveness of inventory and mapping; determining which treatments to apply and when and where; and determining treatment effectiveness. Adaption of the digital tools and management have improved rangelands in ways that are visible from space!

Partner Organization: U.S. Geological Survey Forest & Rangeland Ecosystem Science Center

*Use same [registration link](#) for other Office Hours (Note: If you have already registered for previous office hours, there is no need to register again).

Hurricane Helene included in LF 2024 PDist

Hurricane Helene's landfall during the final week of the 2024 fiscal year presented a unique mapping challenge for LANDFIRE. To solve this problem, LF used a raster data layer, High-resolution Forest Mapping (Hi-Form) to **quickly identify areas of major forest damage and assess disturbance severity across the path of the storm**. Hi-Form was developed by the USDA Forest Service Southern Research Station and allowed LF to include impacts from Hurricane Helene in the LF 2024 Products, demonstrating the program's



ability to be responsive to natural disasters and disturbances.

New Content Alert: LANDFIRE Portfolio Boasts New Fire Section

Wildland fire simultaneously functions both as a keystone ecological process supporting healthy ecosystems and a destructive force that can negatively impact human values and communities. **Explore how LANDFIRE products provide critical information about both functions of wildland fire in the newly updated LANDFIRE Portfolio.**



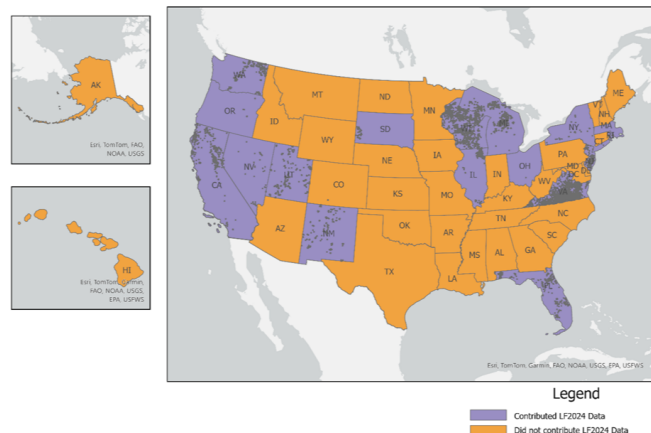
[Explore the new content](#)

Does LANDFIRE know about your work?

Landscape changes using remote imagery is important, but **key ground data from you and national/state data sources makes the difference.**

Send LANDFIRE any disturbance polygons; thinning, mowing, prescribed burns, fires, fuel treatments, harvests, insect/disease impacts, windthrow and any vegetation or fuel plot data before October 31, 2025 and we'll work to use

Who is contributing? Find out...



it in LF 2025 Products.

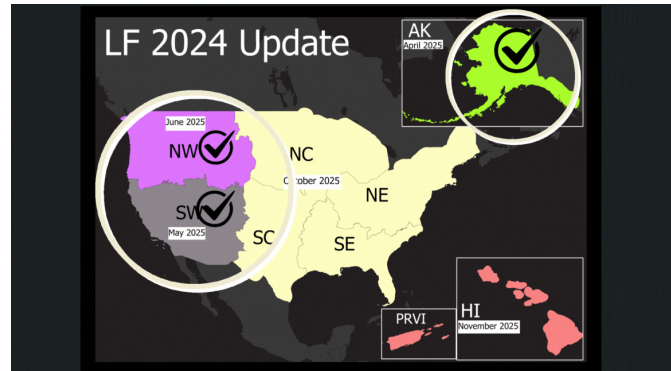
Send us your data!

LANDFIRE Product Updates

LANDFIRE 2024

Are you using the most current
LANDFIRE Products?

Next up: October - SE, NC, NE, SC:
SClass, VCC, VDep, Historical
Disturbance, Vegetation, Fuel, LFTFC



Learn More

[LANDFIRE helpdesk](#)



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