

LANDFIRE's Office Hour - REGISTER

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● NEWS ●



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LANDFIRE News:

- **LANDFIRE Responds:** Custom code & web-based tool to support FWS Mountain-Prairie Region (FWS Region 6)
- **LANDFIRE Office Hour:** How LANDFIRE Uses Image-Based Modeling to Map Vegetation and Update Fuels
- **Landsat at Work: Satellites Help Extinguish Wildfire Risk**

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● RESPONDS ●

Welcome to this series where we communicate how **LANDFIRE responds** to the

changing needs of users.

Challenge: In spring 2025, the Mountain-Prairie Region (**Region 6 of the U.S. Fish and Wildlife Service** (FWS), represented by Tate Fischer, Regional Fire Planner and Sonya Feaster, Regional Fire Data Analyst, reached out to learn more about calculating historical fire regimes for their lands. Although they had already completed substantial groundwork with the assistance of Jeff Adams, Regional Fire Planner, **FWS Southwest Region (Region 2)**, they wanted to validate their methodology and ensure accurate interpretation of LANDFIRE data products.

Solution: To support their efforts,
the LANDFIRE team developed
custom code and generated a web-
based tool that presents historical fire regime metrics alongside relevant background information. This resource was designed to enhance transparency, reproducibility, and confidence in the use of LANDFIRE data for ecological assessments and management planning. Interested in learning more or applying this work in your landscape? Get in touch!
Sneak peak.... →

USFWS Region 6 LANDFIRE Data Summaries

AUTHOR
Randy Swaty with substantial code contributions from
Myles Wallimaa

These LANDFIRE-Powered Landscape Assessments allow users to start exploring trends, landscape conversion and natural resource management options.

Goals of this demonstration

We will use [LANDFIRE](#) products to:

1. Characterize past and present ecosystem conditions.
2. Quantify historical acres burned for the USFWS tracts within each Fire Zone to support fire management planning by USFWS Region 6.
3. Provide basic LANDFIRE documentation and background.



sneak peak

LANDFIRE Office Hour

How LANDFIRE Uses Image-Based Modeling to Map Vegetation and Update Fuels

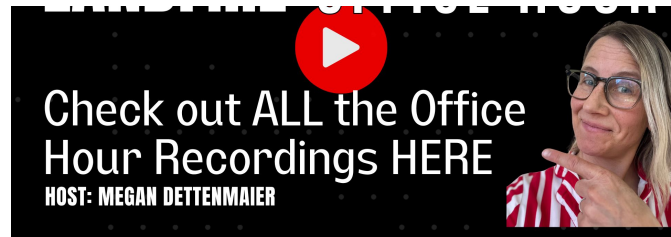
July 30, 2025 1 pm (ET)
Daryn Dockter, LANDFIRE

Did you miss last month's Office Hour? Check it out below!



Technical Lead, TSSC, EROS

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We are excited to welcome Daryn Dockter, LANDFIRE Technical Lead, TSSC (Technical Support Services Contract), EROS (Earth Resources Observation and Science Center) as our July Office Hour Speaker.

Learn how LANDFIRE creates the three primary vegetation products including Existing Vegetation Type (EVT), Existing Vegetation Cover (EVC), and Existing Vegetation Height (EVH). The presentation will highlight the main steps of the vegetation modeling process from satellite image compositing, field plot data compilation, model generation and iteration, and incorporation of land cover data in the final vegetation map products.

PARTNER ORGANIZATION: TSSC, EROS

Note: No working session following the Office Hour - Do you want these working sessions to come back? [Let us know!](#)

Landsat at Work: Satellites Help Extinguish Wildfire Risk

In 2023, Southwest Oregon Utility Douglas Electric received a \$9.1 million **Community Wildfire Defense Grant (CWDG)** to remove trees along 1,300 miles of powerlines. Over two wildfire seasons, the utility has experienced a 30% drop in tree-related power outages. Wildfire risk was measured using the **Wildfire Risk to**



Communities website, a program that was mandated by congress in 2018.

“...LANDFIRE is a fundamental building block for what we do at wildfirerisk.org, and without it, it would be nearly impossible to continue to map wildfire risk for the country...”

[Read the story](#)



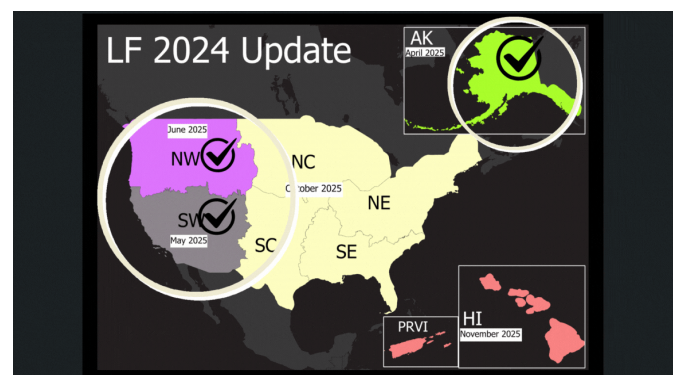
Powerline stretch through forest in Douglas County, OR where Douglas Electric Cooperative removed trees to reduce fire danger.

LANDFIRE Product Updates

LANDFIRE 2024

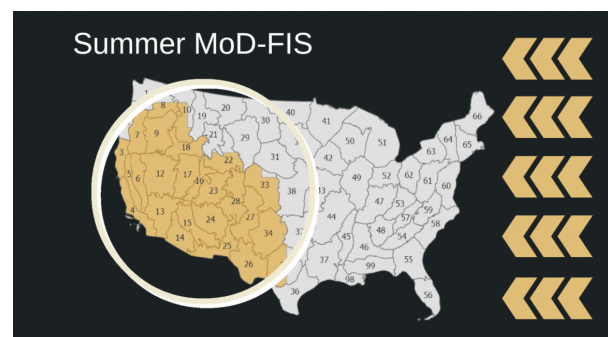
Are you using the most current LANDFIRE Products?

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Summer MoD-FIS

These seasonally adjusted products include FBFM40, FVC, FVH for the Great Basin, Northern and SW regions.



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