



Northern Research Station

Rooted in Research

Webinar Series

Wednesday, April 7, 2021 | 12:30 to 1:30 PM ET



USDA Forest Service Photos By: Lauren Pile

The PHiLL Project – How a grassroots management problem became a collaborative research study across three National Forests

The Problem:

Although a necessary component to active forest management and the restoration of oak and pine woodlands, log landings leave an indelible eyesore on the landscape that is often highly compacted, barren, and where nonnative invasive plants thrive. The location of log landings are usually highly visible due to the fact they are often near public roads for access. Since log landings are slow to recover, this can portray timber harvests as an ecologically destructive activity.

The Solution :

Enhanced log landings could provide richer, more sustained resources for pollinators

Over the past few years, National Forests (NFs) in Region 9 have been engaging in a dialog about the most effective ways to promote pollinator habitat on log landings. The Hoosier NF began experimenting with different approaches to reduce compaction from heavy equipment. While successful on some sites, they were unable to find a consistent prescription to achieve desired results. After a meeting of the minds from a diverse array of specialists in NFS and R&D, the PHiLL (Pollinator Habitat in Log Landings) Project was initiated on the Hoosier, Shawnee, and Mark Twain NFs including an interdisciplinary team of R&D researchers. This presentation will highlight the collaborative commencement of the project, its design and measures of success, and steps moving forward.



Log landing



Enhancement for pollinators

Presenters: Lauren Pile, Research Ecologist, Northern Research Station
& Chad Menke, Forest Hydrologist, Hoosier National Forest

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