



SOUTHERN
Fire Exchange

2023 SFE WEBINARS AT A GLANCE

a publication from the Southern Fire Exchange



Summaries prepared by David Godwin, UF/IFAS, and Christian Fernandez, Tall Timbers



Successful Prescribed Fire MOU Agreements

Tyler Carney, UF/IFAS School of Forest, Fisheries, and Geomatics Sciences
Shan Cammack, Georgia Department of Natural Resources

This webinar discusses memorandums of understanding (MOU) and other agreements developed to support organization prescribed fire programs. The webinar includes a presentation about the Georgia DNR Interagency Burn Team MOU, which has been credited with increasing prescribed fire in Georgia.



Prescribed Burning with Research and Training Objectives

Andy Rappe, The Nature Conservancy Florida

This webinar demonstrates how research and training can have a positive effect and even serve as the catalyst for a successful fire program.



The Original Firebird: Bobwhite Management in the Southeast

Bradley Kubecka, Tall Timbers

This webinar describes basic bobwhite life history characteristics and how prescribed fire influences bobwhite populations.



Slack and Scarcity in Wildland Fire

Matthew Thompson, USFS Rocky Mountain Research Station

This webinar explores themes of slack and scarcity and how they relate to multi-scale concepts of strategy, performance, and analytics in wildfire.





Forest Operations and Supply Chain Engineering to Facilitate Fuel Treatment in the Modern Bioeconomy

Nate Anderson, USFS Rocky Mountain Research Station

This webinar synthesizes recent USFS R&D studies of industrial supply chains linked to fuel treatments.



BurnPro3D: A Web-Based Tool for Prescribed Burn Planning

Melissa Floca, San Diego Supercomputer Center at UC San Diego

BurnPro3D is a decision support platform to help the fire management community understand risks and tradeoffs quickly and accurately to plan and implement prescribed burns. This webinar provides an overview of the BurnPro3D platform and discusses opportunities to participate in usability testing and beta testing.



Climate Driven Changes in Prescribed Fire in the Southeast

Megan Johnson, USFS

This webinar summarizes the findings of a recent survey of southeastern burners intended to evaluate their needs, concerns, and alternative actions if faced with fewer good burning days-as a result of climate change-in the future. The implications of these alternative actions on future smoke impacts were also discussed.



The Intersection Between Bat Management and Fire in the Southeastern U.S.

Becky Harrison and Pete Pattavina, US Fish and Wildlife Service
Lucas Cooksey, Texas A&M Natural Resources Institute

In this webinar, the conservation status of bats in the southern region are discussed and how they are affected by wildland fire.



FireHydro: Mapping South Florida Daily Fire Risk Using Fuels, Water Levels, and Burn History

Kate Jones, North Carolina State University

This webinar explores a data-driven spatial method to generate daily, categorical fire risk maps for south Florida's unique & dynamic hydrologic context.



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Learn more about the Joint Fire Science Program and the Fire Science Exchange Network at firescience.gov.