

Microbes Emitted in Smoke During Wildland Fires and What It Could Mean for Forest Health

Dr. Leda Kobziar, University of Idaho

Presentation: In the last few years, our research has revealed that multiple trillions of living microbes are transported from soils and plants into smoke during wildfires and prescribed burns. What types of microbes, how many, and how far they are transported depend on the ecosystem burning as well as the characteristics of fire behavior. This presentation will highlight what we know about the repercussions of this microbial transport mechanism for the health of plants, animals, and people downwind.



Presenter: Dr. Leda Kobziar is the Professor of wildland fire science in the Department of Forest, Rangeland, and Fire Sciences at the University of Idaho and director of the Master of Natural Resources program. Her research focuses on the emission and transport of living microorganisms via wildland fire, referred to as “pyroaerobiology” (PAB).

7:00 pm PDT, Wednesday March 26, 2025

ZOOM ONLY, please join us at

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