

Introduction to the BehavePlus fire modeling system

Workshop presenters:

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Description:

The BehavePlus fire modeling system is the successor to BEHAVE, which was first available for field application in 1984. It is an appropriate tool for many fire management applications including prescribed fire planning, fuel model testing, fuel hazard assessment, and projecting the behavior of an ongoing fire. BehavePlus can be effectively used to learn about specific fire models (such as transition to crown fire) that are included in spatial modeling systems where relationships are not as readily apparent.

BehavePlus includes models for surface and crown fire spread and intensity, crown fire type, safety zone size, size and shape of a point source fire, containment requirements, spotting distance, scorch height, tree mortality, probability of ignition, and fine dead fuel moisture. The program help system includes a description of the many input and output variables. That information is also available in a single reference document with many internal links.

This interactive workshop provides an **introduction** to BehavePlus for new users, helping them determine if it meets their needs. Workshop attendees will learn how to use the program through interactive, hands-on exercises that will allow them to explore many basic features of BehavePlus. Attendees bringing their own computers will learn the most from this workshop.

This is a hands-on workshop requiring a laptop computer. Participants should install the latest version of BehavePlus version 5 from www.FireModels.org before attending the workshop.