

# Fire Behavior Learning Pathway



Welcome to the Fire Behavior Learning Pathway. The following courses, lessons, and documents have been compiled to provide natural resource professionals with necessary background information on various topics related to fire behavior and to teach

the latest tools used in fire behavior-related planning and treatment implementation and monitoring. Interested individuals can choose from among components that focus on fire behavior. The order of pathway components is designed to facilitate the learning process.

<p>Course: <b>Introduction to the 40 Fire Behavior Fuel Models</b></p>	<p>Provides an overview of the Scott and Burgan (2005) 40 Fire Behavior Fuel Models. Click <a href="#">here</a> for more information and to register for this online training course.</p>
<p>Course: <b>Using Fire Behavior Nomographs to Estimate Fire Behavior Characteristics</b></p>	<p>Describes the use of the next-generation of fire behavior nomographs for predicting surface fire characteristics without the aid of a computer. Click <a href="#">here</a> for more information and to register for this online training course.</p>
<p>Lesson: <b>LANDFIRE Concepts, Data, &amp; Methods Lesson 9: LANDFIRE Fuel Products</b></p>	<p>Focuses on the LANDFIRE data products commonly used in assessing wildland fuel, potential fire behavior, and integrated landscape management. Click <a href="#">here</a> for more information and to register for this online training course (lessons can be taken separately).</p>
<p>Tutorial: <b>Acquiring and Preparing LANDFIRE Data Tutorial</b></p>	<p>Demonstrates how to obtain and prepare LANDFIRE data to be used as input for NIFTT tools. Click <a href="#">here</a> to download this document.</p>
<p>Courses: <b>Learning ArcGIS Desktop and Working with Rasters in ArcGIS Desktop</b></p>	<p>ESRI courses for users new to ArcGIS &amp; spatial data. Click <a href="#">here</a> for more information and to register for these online training courses.</p>
<p>Document: <b>Raster Primer</b></p>	<p>For users familiar with ArcGIS &amp; vector data but not rasters. Click <a href="#">here</a> to download this document.</p>
<p>Course: <b>Introduction to Wildland Fire Behavior Modeling*</b></p>	<p>Provides basic fire behavior modeling knowledge needed to use, interpret, and apply an array of point-based fire behavior modeling tools (such as Be-havePlus, FFE-FVS, NEXUS, and FMAplus). *This course is currently in development. Check the <a href="#">Training</a> page of nifft.gov for status.</p>
<p>Tutorials: <b>FlamMap tutorials</b></p>	<p>Teach students the basic functions of FlamMap, a fire behavior mapping and analysis program that computes potential fire behavior characteristics (spread rate, flame length, fireline intensity, etc.) over an entire FARSITE landscape for constant weather and fuel moisture conditions. Click <a href="#">here</a> to navigate to the tutorials.</p>
<p>User Guide &amp; Tutorial: <b>Fire Behavior Assessment Tool (FBAT) User Guide and Tutorial*</b></p>	<p>Provides users with the skills needed to run FBAT for analysis of fire behavior outputs using Grids instead of ASCII formats. *An FBAT lesson is currently in development as part of the course <a href="#">GIS Tools for Fuels, Fire, and Vegetation Management using LANDFIRE Data</a> (check course outline on nifft.gov for status) Click <a href="#">here</a> for the user's guide and tutorial.</p>