## This document developed by Megan Sebasky is in support of the “Making it Work: How Michigan National Forests modified LANDFIRE data for local use” presentation developed by Randy Swaty and Megan for the Lake States Fire Science Consortium. You can access recordings of the webinar and webinar slides at: <http://lakestatesfiresci.net/webinar_05_01_18.html>

# For more on…

## Understanding fuel models and fire behavior

* [Compare fuel models spreadsheet](http://pyrologix.com/wp-content/uploads/2014/04/CompareModelsS495.xls) and [other resources](http://pyrologix.com/downloads/) from Joe Scott at Pyrologix
* FRAMES Courses (sign up [here](https://www.frames.gov/index.php?cID=2208))
	+ [Introduction to the 40 Fire Behavior Fuel Models course](https://www.frames.gov/onlinecourses/course/index.php?categoryid=5)
	+ [S-495 Geospatial Fire Analysis, Interpretation & Application Self Study 2017](https://www.frames.gov/onlinecourses/course/index.php?categoryid=11)

## Fuel model calibrations at the Huron Manistee and Hiawatha National Forests

* [Materials for the workshop](https://drive.google.com/drive/folders/1Q1EMLO_lupb6PH6u3gckMhwktJ4-2m2H) hosted by Megan Sebasky at the Stewardship Network Conference in January 2018 on this topic. Links to edited presentations from that workshop, including an [8 minute demonstration](https://youtu.be/22rk35yJf8g) of the LANDFIRE Total Fuels Change Tool, are [available here](https://docs.google.com/document/d/1y0d5h3q8C9zFjFNuZUqhcNkUoqB5XV44CP1SI8fgtYc/edit).
* Don Helmbrecht’s presentation on the Huron and Hiawatha National Forest fuel model critiques - [slides](http://lakestatesfiresci.net/docs/LSFSC_Oct292014_Helmbrecht%20Customizsing%20data%20final.pdf) and [webinar video](https://www.youtube.com/watch?v=tHCcfvUZ0pg)

## Detailed landscape editing through ArcMap

* Download the [LANDFIRE Total Fuels Change Tool](https://www.landfire.gov/download_lfdat.php)
* Help documentation provided at site above
* [36 minute video introduction](https://www.youtube.com/watch?v=CmHQ50O5oG0) by Tobin Smail of the LANDFIRE fuels team
* Quick [8 minute demonstration](https://youtu.be/22rk35yJf8g) by Megan Sebasky

## Less detailed fuel model editing online (no GIS experience required)

* [Interagency Fuels Treatment Decision Support System](https://iftdss.firenet.gov/landing_page/index.html) – contact their support for help – the site is still under development and the team is very responsive to make sure site is useful for users
* Watch the [IFTDSS Landscape Editing webinar](https://www.youtube.com/watch?v=Fn6zCY__b1E&feature=youtu.be)
* Also create landscape files, run FlamMap, and compare treatment scenarios

## Modifying LANDFIRE Data for Local Applications

Read [this guide](https://www.conservationgateway.org/ConservationPractices/FireLandscapes/LANDFIRE/Documents/ModifyingLF_DataGuide_V1.pdf) by Don Helmbrecht and Kori Blankenship, especially chapter 5 on fuels

For support on these topics or anything else LANDFIRE-related, contact Randy Swaty at rswaty@tnc.org or if you are in the USFS Northeastern Area, Megan Sebasky at megan.sebasky@wisconsin.gov