

Fire and Fuels Monitoring Workshop

May 31 - June 2, 2016



Where: Huron-Manistee National Forests, Huron Shores Ranger Station, 5761 N. Skeel Ave., Oscoda, MI 48750

Lead Instructor: Brian Stearns, Wildland Fire Module Leader, Huron-Manistee National Forests, Huron Shores Ranger Station

Registration & Cost: *There is NO FEE for this 3-Day Workshop.* Attendees are responsible for their own meals, travel and lodging. Since space is limited ***we require that you RSVP*** with Lake States Fire Science Consortium, Jack McGowan-Stinski, mcgowan-stinski.1@osu.edu, 989-287-1734, with your name, email, and affiliation; additional information regarding lodging and materials will be emailed to those who RSVP.

Day One - May 31st (Classroom Day)

- Introduction
- Safety & Goals
- Resources (LANDFIRE, photo series, FCCS, Firemon, FS VEG, FEIS)
- Building Objectives & protocols, measurement rotation, & developing plots (locations, randomization, density, control, seasonality)
- Forms
- Archiving
- Equipment & new technology & apps
- Needle Density

Day Two - June 1st (Field Day)

- Conduct Monitoring and Measurements
- Fuel loading
- Duff / litter
- Fire severity
- Photo series
- Mortality / snag creation
- Crown scorch
- Bole char / char depth
- Vegetation mapping for LANDFIRE calibration

Day Three - June 2nd (Field Day & Classroom)

- Crown bulk density measurements (Return to office)
- Fire behavior data collection and smoke monitoring
- Compiling results
- Evaluating program and changing protocols
- Close out