

38th Central States Forest Soils Workshop

Silviculture and Ecology of Forest Soils in the Southeast Ozarks

October 9-11, 2018
Van Buren, Missouri

Tuesday, October 9th

- Morning and Afternoon (Travel)
 - (Optional pre-workshop canoe trip: *Exploring Ozark River Ecosystems*; leaving The Landing at 10:00am; Ozark National Scenic Riverways, more details TBD)
- Evening (introductory presentations, social)
 - o Presentations (6-8pm)
 - *Introductions and Workshop History*—Mark Abney, Natural Resources Conservation Service
 - *Overview of Area Soils, Geology and Landforms*—Dennis Meinert, NatureCITE
 - *Ozark Forest/Woodland-Soil-Ecology Relationships*—John Kabrick, Northern Research Station
 - *Ecological Site Development in Missouri*—Doug Wallace, Natural Resources Conservation Service
 - *Mark Twain National Forest Ecological Inventory Project*—Kyle Steele, Mark Twain National Forest
 - o Social (8-9pm)

Wednesday, October 10th

- Morning (7:30-12pm)
 - Low Base Loamy Pine Woodland** state-and-transition model comparison)
 - o SITE 1 MANAGED HAYFIELD (private property; type conversion, forage production)
 - o SITE 2 DECADENT HARDWOOD FOREST (oak decline, fire history, risks of non-management)
 - o SITE 3 RESTORED SHORTLEAF PINE WOODLAND (silvicultural methods for woodland restoration)
- Afternoon (12-5:30pm)
 - o SITE 4 **LUNCH** - TWIN PINES EDUCATION CENTER (Missouri Department of Conservation; cultural history of the Ozarks)
 - o SITE 5 HURRICANE CREEK SOIL-ECO SEQUENCE (geo-landform-vegetation relationships)
 - Optional FALLING SPRINGS (karst dynamics; for those with physical limitation)
- Evening Banquet (6:30-8:30pm)
 - o Dinner
 - o Keynote Presentation: *Using Dendrochronological Methods for Unravelling the Disturbance History of Forests and Woodlands*—Dr. Michael Stambaugh, University of Missouri
 - o Business Meeting

Thursday, October 11th

- Morning (7:30-12pm)
 - o SITE 6 SINKHOLE SITE (karst and recharge hydrology)
 - o SITE 7 MANAGED OAK DECLINE STAND (management of oak decline)
 - o SITE 8 BIG SPRING (Ozark National Scenic Riverways; karst and discharge hydrology)
- Afternoon (travel)

Note: all sites are located on the Eleven Point District of the Mark Twain National Forest, unless otherwise stated