

Ohio Hills Adaptive Silviculture for Climate Change (ASCC) Workshop

May 24, 25, & 26, 2022

May 24 at the Zaleski ODNR Complex ([29371 Wheelabout Rd., McArthur, Ohio, 45651](#)) &

May 25 & 26 at the Vinton Furnace State Experimental Forest Training Center ([Wilkesville, OH 45695](#))

Workshop Goals:

This workshop is part of the [Adaptive Silviculture for Climate Change \(ASCC\) project](#), a collaborative effort between managers and scientists working to establish a series of experimental silvicultural trials across a network of diverse forest ecosystem types throughout North America. Specific goals of this workshop are to:

- Engage managers and scientists in the Adaptive Silviculture for Climate Change (ASCC) co-development framework to create a suite of adaptive experimental silvicultural treatments in oak-hickory sites in Ohio that will be part of the ASCC Network;
- Develop specific management, research, and monitoring questions that can be addressed through the ASCC project.

Tuesday, May 24, 2022 – Zaleski ODNR Complex *(All times listed are Eastern Time)*

- 8:00 Welcome & Introductions** – Jarel Bartig (USDA Forest Service Northern Research Station) & Dan Balser (Ohio Division of Forestry)
- 8:20 ASCC Overview & Workshop Agenda** – Linda Nagel & Courtney Peterson (Colorado State University)
- 8:45 Silvics, Forest Ecology, & Disturbance of Oak-Hickory Forests** – Todd Hutchinson, Melissa Thomas-Van Gundy (USDA Forest Service Northern Research Station) & Tara Keyser (USDA Forest Service Southern Research Station)
- 10:00 Break (15 min)**
- 10:15 Ecosystem Vulnerabilities of Oak-Hickory Forests to Climate Change** – Steve Matthews (Ohio State University/Northern Institute of Applied Climate Science)
- 10:45 Climate Change Considerations for Managing Ohio Oak-Hickory Forests** – Linda Nagel & Courtney Peterson (Colorado State University)
- *What new or different considerations does climate change bring to making forest management decisions?*
- 11:20 Wildlife Response to Oak Forest Management** – Bryce Adams (USDA Forest Service Northern Research Station)
- 11:40 Management of Oak-Hickory Forests & Overview of the Vinton Furnace/Zaleski State Forests** – Greg Guess & Courtney Cawood (Ohio Division of Forestry)
- 12:00 Buffet Lunch**
- 1:00 ASCC Site Field Visit – Zaleski State Forest (4 hours)**
- 5:00 Wrap-up in the field; everyone return to Athens for dinner**



Wednesday, May 25, 2022 - Vinton Furnace State Experimental Forest Training Center

- 8:00** Recap of Day 1/Impacts of Climate Change on Management Goals for the Ohio ASCC Site – Courtney Peterson & Linda Nagel (Colorado State University)
- 8:45** Adaptation Concepts & Developing an ASCC Study Site Presentation – Courtney Peterson & Linda Nagel (Colorado State University)
- 9:15** Break (15 min)
- 9:30** Identify Overarching Management Objectives and DFCs for the Ohio ASCC Site and Each Experimental Treatment: Overview of Process and Definitions – Linda Nagel (Colorado State University)
- 9:40** Develop *Resistance* Treatment for Ohio ASCC Site (In Breakout Groups)
- 10:40** Report Out on *Resistance* & Group Discussion (goals: share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal)
- 11:25** Additional Field Time - Visit Fire and Fire Surrogate, White Oak study (1 hour in field)
- 12:30** Buffet Lunch Back at Training Center
- 1:00** Develop *Resilience* Treatment for Ohio ASCC Site (In Breakout Groups)
- 2:00** Report Out on *Resilience* & Group Discussion (goals: share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal)
- 2:45** Break (15 min)
- 3:00** Develop *Transition* Treatment for Ohio ASCC Site (In Breakout Groups)
- 4:00** Report Out on *Transition* & Group Discussion (goals: share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal)
- 4:45** Finalize any lingering parking lot items; discussions around treatments; what to expect for next day
- 5:00** Adjourn for the Day

Thursday, May 26, 2022 - Vinton Furnace State Experimental Forest Training Center

- 8:30** Recap of Previous Two Days – Courtney Peterson & Linda Nagel (Colorado State University)
- 8:45** Review Draft Silvicultural Treatments – Linda Nagel & Courtney Peterson (Colorado State University)
- Finalize tactics if not yet completed for any of the treatments; revisit and compare RRT to ensure they are distinctly different and adhere to the ‘spirit’/meaning of each treatment
 - Ensure consensus around selected approaches and tactics for RRT treatments; tweak anything that might be confusing or left in the parking lot from previous sessions
- 10:15** Break (15 min)
- 10:30** Next Steps, Evaluations, & Close-Out
- *What research or management questions are you excited about based on the ASCC treatments?*
- 11:30** Adjourn

