

# 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](https://www.google.com/maps/place/29371+Wheelabout+Rd.,+McArthur,+Ohio,+45651)) &

May 25 & 26 at the Vinton Furnace State Experimental Forest Training Center ([Wilkesville, OH 45695](https://www.google.com/maps/place/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

