

Adaptive Silviculture for Climate Change (ASCC) Workshop Driftless Area (Iowa, Minnesota, Wisconsin)

December 2, 9 & 10, 2021

Zoom Link: <https://zoom.us/j/96965951606?pwd=Wi9JLzZYU3Z3aFpwQ1NqYzE1UnhTdz09>

Meeting ID: 969 6595 1606; Passcode: 469076

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:

- Introduce natural resource managers to conceptual tools and approaches that help integrate climate change into on-the-ground planning and decision-making processes;
- Use an adaptive planning process to design specific climate change adaptation experimental treatments for a set of southern dry-mesic stands that will be part of a long-term study to be implemented across the Driftless Area in Iowa, Minnesota, and Wisconsin;
- Develop specific management, research, and monitoring questions that can be addressed through the ASCC project.

Thursday, December 2, 2021: *(All times listed are Central Time)*

- 8:30 Updates since June 2021, Introductions, & ASCC Project Overview** – Miranda Curzon (Iowa State University), Linda Nagel & Courtney Peterson (Colorado State University)
- 9:40 Silvics and Management of Driftless Region Forests** – Facilitated by Miranda Curzon (Iowa State University)
- Overview of Disturbance Dynamics in Driftless Forests - Brad Hutnik (Wisconsin DNR)
 - Wisconsin Driftless Forests - Greg Edge (Wisconsin DNR)
 - Iowa Driftless Forests - Bruce Blair (Iowa DNR)
 - Minnesota Driftless Forests - Mike Reinikainen (Minnesota DNR)
- 10:20 Break**
- 10:30 Ecosystem vulnerabilities of Driftless Area Forests to climate change** – Stephen Handler (Northern Institute of Applied Climate Science)
- 11:00 Climate Change Considerations for Driftless Forests** – Linda Nagel & Courtney Peterson (Colorado State University)
- *What new or different considerations does climate change bring to making forest management decisions?*
- 11:55 Logistics for December 9 & 10**
- 12:00 Adjourn for the day**

Thursday, December 9, 2021: *(All times listed are Central Time)*

- 9:00 Quick recap of day 1; Overview of day 2 agenda** – Courtney Peterson & Linda Nagel (Colorado State University)
- 9:05 Driftless Area Site Visit Recap & Overview** – Miranda Curzon (Iowa State University)



- 9:35 Impacts of Climate Change on Management Goals for the Driftless Area ASCC Site** – Linda Nagel, Courtney Peterson (Colorado State University), & Miranda Curzon (Iowa State University)
- 10:05 Break**
- 10:20 Climate Adaptation Concepts & Developing an ASCC Study Site** – Linda Nagel, Courtney Peterson (Colorado State University), & Brian Palik (USDA Forest Service Northern Research Station)
- 11:00 Identify Overarching Management Objectives and DFCs for the Driftless ASCC Site and Each Experimental Treatment: Overview of Process and Definitions** – Linda Nagel (Colorado State University)
- 11:10 Develop ASCC Study Treatments for the Driftless Region – Focus on *Resistance* in your breakout groups**
- 12:00 Break for Lunch (*on your own*)**
- 12:30 Report out on *Resistance* Treatment Development** – Share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal
- 1:15 Focus on *Resilience* in Your Breakout Groups**
- 1:45 Break**
- 2:00 Report out on *Resilience*** – Share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal
- 2:30 Focus on *Transition* in Your Breakout Groups**
- 3:15 Report out on *Transition*** – Share ideas and build consensus around one set of management objectives, DFCs, and tactics to achieve the treatment goal
- 3:45 Finalize Any Lingering Parking Lot Items**
- 4:00 Adjourn for the Day**

Friday, December 10, 2021: *(All times listed are Central Time)*

- 9:00 Recap of Previous Two Days** – Courtney Peterson & Linda Nagel (Colorado State University)
- 9:15 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
- 10:30 Break**
- 10:45 Next Steps, Evaluations, & Close-Out**
- *What research or management questions are you excited about based on the ASCC treatments?*
- 11:30 Adjourn**

