



Taylor Park Adaptive Silviculture for Climate Change (ASCC) Workshop

July 6, 7, & 8, 2022

Kelley Hall 151, Western Colorado University Campus

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 local managers and scientists in the Adaptive Silviculture for Climate Change (ASCC) co-development framework to design specific climate change adaptation experimental treatments for a set of lodgepole pine stands that will be part of a long-term study to be implemented at Taylor Park;
- Develop specific management, research, and monitoring questions that can be addressed through the ASCC project.

Wednesday, July 6, 2022

- 8:00 Welcome & Introductions** – Jonathan Coop (Western Colorado University), Art Haines (USFS Grand Mesa Uncompahgre & Gunnison National Forests), & Mike Battaglia (USFS Rocky Mountain Research Station)
- 8:20 ASCC Overview & Workshop Agenda** – Courtney Peterson (Colorado State University)
- 8:45 Silvics, Forest Ecology, and Disturbances of Lodgepole Pine Forests** - Jonathan Coop (Western Colorado University) & Mike Battaglia (USFS Rocky Mountain Research Station)
- 9:15 Ecosystem Vulnerabilities of Lodgepole Pine Forests to Climate Change** – Lauren Parker (USDA Climate Hubs)
- 10:00 Break (15 min)**
- 10:15 Climate Change Considerations for Managing Lodgepole Pine Forests** – Courtney Peterson (Colorado State University) & Maddy Baroli (Northern Institute of Applied Climate Science)
- *What new or different considerations does climate change bring to making forest management decisions?*
- 11:00 Management of Lodgepole Pine Forests** – Art Haines (USFS Grand Mesa Uncompahgre & Gunnison National Forests)
- 11:30 Taylor Park Management Goals, Objectives, and DFCs** – Carlyn Perovich (USFS Grand Mesa Uncompahgre & Gunnison National Forests)
- 12:00 Climate Challenges & Opportunities to Achieving Taylor Park Management Goals** – Courtney Peterson (Colorado State University) & Maddy Baroli (Northern Institute of Applied Climate Science)
- 12:45 Lunch** (Bring your own)
- 1:15 Adaptation Concepts & Developing an ASCC Study Site Presentation** – Courtney Peterson (Colorado State University)
- 1:45 Identify Overarching Management Objectives and DFCs for the Taylor Park ASCC Site and Each Experimental Treatment: Overview of Process and Definitions** – Courtney Peterson (Colorado State University) & Maddy Baroli (Northern Institute of Applied Climate Science)
- 1:55 Develop *Resistance* Treatment for Taylor Park ASCC Site (In Breakout Groups)**

- 2:55 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)
- 3:40 Develop *Resilience* Treatment for Taylor Park ASCC Site (In Breakout Groups)**
- 4:15 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)
- 4:55 Wrap-up, logistics for spending the next day in the field.**
- 5:00 Join us for happy hour and dinner on Wednesday at 5pm on the Kelley Hall Patio.**

Thursday, July 7, 2022 – Field Day

- 8:00 Meet at Western and Caravan to Taylor Park for ASCC Site Field Visit**
- 8:30 Stop 1: North Bank (Ponderosa Pine example)**
- 9:30 Stop 2: Lower Taylor Canyon Lottis Creek Gravel Pit**
- 11:00 Stop 3: Arrive at Taylor Park ASCC Site (By RAWs Station)**
- 12:00 Stop 4: Be at Lunch Spot/Working Lunch – Facilitated Discussion Revisiting Resistance and Resilience**
- *Bring your own sack lunch*
- 1:00 Develop DFC for Transition in Large Group**
- 1:30 Develop Objectives and Tactics for Transition Treatments in Breakout Groups**
- 2:00 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)
- 3:15 Head back to Gunnison**

Friday, July 8, 2022

- 8:30 Recap of Previous Two Days**
- 8:45 Review Draft Silvicultural Treatments for Taylor Park ASCC Site**
- 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 to ask based on the ASCC treatments?*
- 11:30 Adjourn**