



OPERATIONALIZING ADAPTIVE SILVICULTURE FOR CLIMATE CHANGE IN MINNESOTA

A presentation in the SFEC & UMN Extension 2020 Forestry Webinar Series

Tuesday, May 19, 2020

Linda Nagel, *Colorado State University and*

Brian Palik, *USDA Forest Service, Northern Research Station*



Forest managers need climate-adaptive management strategies to address future climatic changes. However, there is a lack of on-the-ground research to indicate what adaptation tactics might be effective in preparing forest ecosystems to deal with climate change and other emerging stressors. The Adaptive Silviculture for Climate Change (ASCC) project was designed to translate three common adaptation strategies (resistance, resilience, and transition; RRT) into on-the-ground operational-scale research through a network of replicated sites testing ecosystem-specific climate change treatments across this gradient of adaptive approaches. The first installation of this project is on the Cutfoot Experimental Forest, Chippewa National Forest in northern Minnesota, in a mature red pine dominated (natural origin) forest. A creative suite of silvicultural treatments were designed along the RRT spectrum, with some treatments including planting both native tree species and assisted migration of novel species. Initial results from this study along with on-going research and management questions will be presented.

Date: Tuesday, May 19, 2020 noon-1pm central time

Location: Watch online or attend a broadcast site

Cost: Free at a broadcast location, \$50 for the entire 2020 webinar series, or \$20 each

Details and registration: z.umn.edu/20web

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