

WORKSHOP

Strategies and Tools for Managing Ash and Elm Species

Researchers from the USDA Forest Service Northern Research Station are conducting studies to gather more information on topics that include elm and ash experimental silviculture, breeding, and pest and pathogen management. The current results of this ongoing research effort, as well as insights into management of these trees and how communities are responding to their loss, will be presented at a two-day workshop.

In the workshop, we will:

- Explore promising new information and techniques
- Discuss operational obstacles to elm and ash management
- Identify gaps in understanding and management

DETAILS

Date: September 19-20, 2023

Location: Great Lakes Aquarium, 353 Harbor Dr, Duluth, MN

Additional questions can be directed to Mattison Brady mbrady1@mtu.edu and Dustin Bronson Dustin.Bronson@usda.gov

This workshop is organized by the Northern Institute of Applied Climate Science, USDA Northern Forests Climate Hub, and the USDA Forest Service, Northern Research Station.



AGENDA at a glance

Tuesday 9/19

Morning

- Coffee and setup
- Introductions
- Research Panel 1: EAB Resistance and Biocontrols
- Research Panel 2: Silviculture and Species Selection for Resilience and Transition
- Group Discussion

Afternoon

- Lunch
- Stewardship Panel 1: Managing Ash for the Community and the Future
- Stewardship Panel 2: Large Scale Management of Ash Stands on Public Lands
- Group Discussion
- Day 1 Wrap-up

Wednesday 9/20

Morning

- Tour Grassy Point & Kingsbury Creek Forest
- Lunch

Afternoon

- Tour Munger Landing

<https://forestadaptation.org/elm-ash-duluth>

Strategies and Tools for Managing Ash and Elm Species

AGENDA

DAY 1 – September 19, 2023, Great Lakes Aquarium, Duluth, MN

8:00 – 8:30 – Coffee and setup

8:30 – 8:50 – Introductions – Maria Janowiak (USDA Forest Service)

8:50 – 10:00 – Research Panel 1: EAB Resistance and Biocontrols

- Kathleen Knight – The Perspective From the Epicenter of EAB & Elm and Ash Resistance Identification and Breeding
- Toby Petrice – Mixed Biocontrol and Pesticide Strategies

10:00 – 10:20 – Coffee break

10:20 – 11:35 – Research Panel 2: Silviculture and Species Selection for Resilience and Transition

- Brian Palik – Replacement Species Plantings in Black Ash Wetlands in Minnesota: Anticipating EAB and Climate Change
- Kathryn Hofmeister – Black Ash Stand Species Underplanting and EAB Simulations
- Dustin Bronson & Eric Gustafson – Planting Species Suite Physiology Trials and Modeling

11:35 – 12:30 – Group Discussion

12:30 – 1:30 – Lunch with topical tables

1:30 – 2:30 – Stewardship Panel 1: Managing Ash for the Community and the Future

- April Ogimaakwe Stone (Bad River Band of Lake Superior Ojibwe) – Black Ash Basket Maker
- Alex Mehne (Fond du Lac Band of Lake Superior Ojibwe) – Suite of Potential Species and Planting Considerations
- Mary Hammes (The Nature Conservancy) – Planting, Assisted Migration, and Seed Sources

2:30 – 2:50 – Break

2:50 – 3:50 – Stewardship Panel 2: Large Scale Management of Ash Stands on Public Lands

- Andy Meier (US Army Corps of Engineers) – Upper Mississippi River Floodplain Maple-Ash-Elm Management
- Gregory Edge (Wisconsin DNR) – Wisconsin's Ash Management and Perspective
- Jedd Ungrodt (USDA Forest Service) – Lessons from Chequamegon-Nicolet NF

3:50 – 4:45 – Group Discussion

4:45 – 5:00 – Day 1 wrap-up

DAY 2 – September 20, 2023, Field Tour in Duluth, MN

9:00 – 10:30 – Meet at Grassy Point and tour site

10:30 – 12:00 – Drive to Kingsbury Creek Forest and tour site

12:00 – 1:00 – Lunch in the field

1:00 – 3:00 – Drive to Munger Landing and tour site

3:00 – Adjourn