

Sustainable Forests Education Cooperative

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2016 Workshops: Forest Health – Practical management options for local issues



This pair of workshops will address current forest health threats with a focus on practical, site-level management techniques to address and mitigate them. The workshops are designed for both natural resource managers and logging contractors.

Forest management and timber harvesting activities are increasingly being considered to sustain or increase forest ecosystem health. Managers and loggers understand the forest health threats that may affect the health and productivity of their forests, but practical approaches to manage and harvest timber are plentiful and vary depending on local conditions and trends in forest pests. This workshop will provide

- an overview of local forest health threats for each location,
- on-the ground experience from natural resource professionals that have dealt with forest health issues, and
- practical management approaches to promote healthy forests.

An afternoon field tour will take us to nearby forests to discuss current forest health issues and management strategies. Lunch and refreshments will be provided with registration.

The lead instructor is [Dr. Matthew Russell](#) of the [University of Minnesota Department of Forest Resources](#), but several others presented at each workshop. This workshop is offered by SFEC, the [Minnesota Logger Education Program](#), and the [University of Minnesota Extension](#).

Date: Tuesday, September 20, 2016 from 8am-4pm

Location: Sanford Center, Bemidji, MN

Focus: Diplodia and other diseases of red pine

Cost: \$75 SFEC members, \$40 students, \$140 others

CE credits: TBD

[Agenda](#) (PDF)

Date: Wednesday, September 21, 2016 from 8am-4pm

Location: Brainerd, MN

Focus: Blowdown and invasive plants

Cost: \$75 SFEC members, \$40 students, \$140 others

CE credits: TBD

[Agenda](#) (PDF)

The following organizations are helping to organize and deliver these workshops: SFEC, MLEP, UMN Department of Forest Resources, Minnesota DNR-Division of Forestry, and others.

Note: this workshop was also [offered in three locations in 2015](#).

Cover images (click for originals and credits): [Eastern larch beetle](#), [spruce budworm](#), [spruce budworm](#), [eastern dwarf mistletoe](#), and [aspen decline](#). All used with permission.

Contact Us

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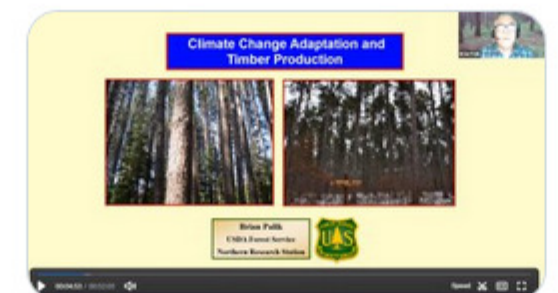
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Tweets from @MNForestEd Follow



UMN SF... @MNFores... · Sep 21
Brian Palik gave a great talk yesterday called Adaptive Silviculture for Climate Change: Lessons for timber-oriented managers.

If you missed it, here's the recording:
sfec.cfans.umn.edu/2022-webinar-s...



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UMN SF... @MNFores... · Sep 20
Starting in 15 minutes: Adaptive Silviculture for Climate Change

Forest Health: Practical Management Options for Local Issues

Sept. 21, 2016 (8:00 a.m. to 4:00 p.m.)

Northland Arboretum (Brainerd, MN)

| <i>Time</i> | <i>Topic</i> | <i>Presenter(s)</i> |
|-------------|---|--|
| 7:30 a.m. | Registration and check in | |
| 8:00 a.m. | Introductions and workshop overview | Rachel Peterson, MN Logger Education Program |
| 8:15 a.m. | Forest health and invasive species: What's happening in north-central MN | Matt Russell, UMN Dept. of Forest Resources |
| 8:40 a.m. | Invasive plants: identification and management | Susan Burks, MN Dept. of Natural Resources |
| 9:30 a.m. | How does forest health influence your operations and management? | Matt Russell, UMN Dept. of Forest Resources |
| 10:00 a.m. | BREAK | |
| 10:20 a.m. | Forest health: what the Forest Management Guidelines say | Rachel Peterson, MN Logger Education Program |
| 11:00 a.m. | Insects and diseases in pines and oaks | Matt Russell, UMN Dept. of Forest Resources |
| 11:30 a.m. | Forest health: a natural resource manager's perspective | Bryan Pike, Crow Wing County Land Services |
| 12:00 p.m. | LUNCH | |
| 12:30 p.m. | Walk to field sites | |
| 12:45 p.m. | Site 1 – Introduction to the Northland Arboretum forests | |
| 1:00 p.m. | Walk to Site 2 | Bryan Pike, Crow Wing County Land Services; |
| 1:15 p.m. | Site 2 – Managing and harvesting blowdown | Matt Russell, UMN Dept. of Forest Resources; |
| 2:00 p.m. | Walk to Site 3 | Susan Burks, MN Dept. of Natural Resources |
| 2:15 p.m. | Site 3 – Jack pine savanna | |
| 2:45 p.m. | Walk to Site 4 | |
| 3:00 p.m. | Site 4 – Identification and management of buckthorn and Japanese knotweed | |
| 3:50 p.m. | Walk back to Northland Arboretum | |
| 4:00 p.m. | Adjourn | |

Forest Health: Practical Management Options for Local Issues

Sept. 20, 2016 (8:00 a.m. to 4:00 p.m.)

Sanford Center (Bemidji, MN)

| <i>Time</i> | <i>Topic</i> | <i>Presenter(s)</i> |
|-------------|--|--|
| 7:30 a.m. | Registration and check in | |
| 8:00 a.m. | Introductions and workshop overview | Rachel Peterson, MN Logger Education Program |
| 8:15 a.m. | Forest health and invasive species: What's happening in north-central MN | Matt Russell, UMN Dept. of Forest Resources |
| 8:40 a.m. | An overview of fire-dependent forest communities | Harvey Tjader, MN Dept. of Natural Resources |
| 9:20 a.m. | Insects and diseases in red pine | Matt Russell, UMN Dept. of Forest Resources |
| 10:00 a.m. | BREAK | |
| 10:20 a.m. | Forest health: what the Forest Management Guidelines say | Rachel Peterson, MN Logger Education Program |
| 11:00 a.m. | How does forest health influence your operations and management? | Matt Russell, UMN Dept. of Forest Resources |
| 11:30 a.m. | Forest health: a forest industry perspective | Brian Bignall, Potlatch |
| 12:00 p.m. | LUNCH | |
| 12:30 p.m. | Travel to field sites | |
| 1:00 p.m. | Site 1 – Dipolodia in red pine | |
| 2:00 p.m. | Travel to Site 2 | |
| 2:30 p.m. | Site 2 – Jack pine budworm | |
| 3:15 p.m. | Travel back to Sanford Center | |
| 4:00 p.m. | Adjourn | |



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