



Case Study Template

New case study content should be submitted directly to the Silviculture Library website, at <http://silvlib.cfans.umn.edu>. Use this document to organize your content and plan the submission. Please do not send us your case study content as a Word doc unless you encounter problems submitting it online and have contacted us in advance.

You may wish to review existing case study content as you prepare yours. There are lots of examples on the Silviculture Library site.

When you are ready to enter your case study data online, visit the “Submit a Case Study” page for instructions to set up a new account. If you already have an account, visit the same page to log in.

If you have questions, contact Eli Sagor, UMN – SFEC at esagor@umn.edu or 218-409-6115.

You do not need to complete every section, but you should if the data / information is available. More complete submissions are preferred. Sections with an asterisk are required.

Case Study Title*

Featured Image *

One image that will be used as the “cover” for the case study. (See also Photographs, below.)

Stand Information

Location

Latitude and Longitude

You must enter the coordinates of the stand in **decimal degrees** (only numbers and decimals with no other characters). You can use Google Maps to convert other formats to decimal degrees. **If you enter lat/long in a format other than decimal degrees, you will not be able to save your work!**

Nearest city or town *

State/Province *

Describe the location.

Briefly describe the stand location. Example: Pine Tree District, XYZ National Forest.

Landowner

Cover-type *

Select a value from the dropdown list (list includes: Aspen-Birch, Ash, Central hardwoods, Mixed Woods, Northern hardwoods, Pine, Peatlands, Spruce, or Other)

MN ECS Native Plant Community System

Choose one checkbox. They include Floodplain, Fire Dependent, Mesic Hardwood, Wet Forest, and Other.

Plant community or habitat classification and growth stage (if available)

Forest health threats

Choose all that apply. They include deer, invasive plants/competing vegetation, ash and EAB, black spruce/dwarf mistletoe, eastern larch beetle and larch, oak wilt, other, and NA.

Estimated year of stand origin

Additional Information on Stand Origin

Comments on year of stand origin (one sentence only)

Site Index: _____ **units:** _____ **for species:** _____

Brief Silviculture Objective

Brief silvicultural objective (1 sentence). You will be able to elaborate below.

Soils

Soils description, including series name if available.

Stand area: _____ (rounded to the nearest integer) **acres or hectares?**

Treatment area: _____ (rounded to the nearest integer) **acres or hectares?**

Bottomland Hardwoods

If this is a bottomland hardwood case please complete the following fields

River or stream name

River or stream type

Select one that best describes your site:

Major river (e.g. Mississippi, St. Croix, Chippewa, Black, Wisconsin)

Minor river or upper reaches of major river (e.g. Cannon, Zumbro, Root, Mississippi Headwaters)

Perennial stream

Seasonal (intermittent) stream

Rainfall-dependent (ephemeral) stream

Floodplain or terrace

Select one

Floodplain topographic position

Select any that apply. Refer to the [topographic position key](#) for definitions and illustrations.

Point bar (All river types, floodplains only)

Natural levee (All river types, floodplains only)

Bottom (All river types, floodplains and terraces)

Slough (Major rivers, minor rivers, floodplains only)

Ridge (Major rivers, minor rivers, floodplains and terraces)

Ridge and swale (Major rivers, minor rivers, floodplains and terraces)
Swamp (Major, minor rivers, floodplains and terraces)

Overview

Overview

Enter an overview of this case

Silviculture Objectives

Silviculture Objective(s)

Optional - Add some detail to the brief silvicultural objective statement from above. This could include climate change considerations, secondary or other objectives. The prescription is a separate field, below.

Pre-treatment stand description and condition

(Address as many of the following as reasonable and appropriate)

Stand establishment and management history

Pre-treatment species composition

Pre-treatment growth and stocking

Include a stocking table or diameter distribution as appropriate, if available.

Pre-treatment forest health issues

Landowner objectives/situation

Silviculture prescription

Silviculture Prescription

Silvicultural prescription, including target regeneration stocking and residual stand conditions, harvest area size(s) and arrangement, species to reserve or harvest, harvest season, regeneration plan (if applicable), use of timber harvest guidelines, and plans for future treatments. Should be pretty specific with target numbers, not just general statements. 250 words.

What actually happened during the treatment

What actually happened during the treatment

What actually happened during the treatment? Type of equipment used, changes made during treatment and why, what went well and not so well, surprises, etc. 250 words.

Post-treatment assessment

Post-treatment assessment

Consider the following – only those applicable to your treatment: Stocking, distribution, and condition of residual trees; stocking and distribution of regeneration / survival of planting stock; and other site impacts relevant to the prescription, positive or negative.

Plans for Future Treatments

Plans for future treatments

Costs and economic considerations

Costs and economic considerations

If possible, break down by treatment components: Time estimate to lay out / plan, time to harvest, timber sale revenue, site prep or other costs, etc.

Climate adaptation considerations

Climate adaptation considerations

How did climate adaptation considerations influence your prescription?

Other notes

Other notes

Could include climate change considerations or other.

Summary

Summary / lessons learned / additional thoughts

What would you do differently if you could do over? Could include climate change considerations or other.
200 words

Supplemental content

Optional. Shapefiles, data tables, historic airphotos, or others.
Attach media

Photographs

At least three photographs, current or from the initial treatment, must accompany the submission. Photos should depict general ground conditions and/or special factors associated with the treatment. Each photo must have a brief, descriptive caption.
Attach media

Keywords

Keywords

Categories to facilitate searching and automatic list of related / similar cases: Major species, silvicultural treatments involved, locations, ownerships, forest health issues, etc. No limit on number of keywords. Separate keywords with commas.

Author information

Name

Title

Organization

Photo

Phone Number

Email

Address

City, State/Province, Postal code

Biography

(Optional. We hope to use the silviculture library to build relationships. We would love to include a couple of sentence bio for each author and a small head shot.)