

Strategies for sustainable forest management (SFM), 7.5 ECTS credits

Location: Umeå (week 1)

Distance course: Yes Subjects: Biology/Forest Management/Technology

Language: English

Marking Scale: Passed / Failed

Prerequisites and intended participants PhD students that wants a deeper understanding on what sustainable forest management (SFM) is and how it affects the strategic management of different forest organizations and companies at present and the requirements SFM could put on future strategies.

Objectives After the course the student will - have basic knowledge of strategic management, - have a broad understanding on how SFM is understood today and about which criteria and indicators that lies behind today's management decisions - know how strategies for SFM are implemented in Swedish forest companies and organizations, and - be able to suggest new criteria and indicators and translate those into strategies that are in line with missions of different forest companies and organizations. Content SFM will challenge current strategies of companies and organizations that are active in the forest sector. Depending on how different actors – such as Swedish society (represented by governmental actors, e.g. Swedish Forest Agency and SLU), farmers of forest land (represented by Federation of Swedish Farmers), forest companies (represented by e.g. Sveaskog, SCA and Holmen) – meet environmental goals and land use requests in the long term, the forest sector may gain as well as loose positions.

The course is based on two theoretical frameworks: (i) strategic management and (ii) criteria and indicators (C&I). The students will work with case studies related to the categories mentioned above where these concepts are applied. The course will go through the following phases: 1. Lectures: Strategic management and development of a tool for analysis of strategic management (presence required in Umeå). 2. Initial project work: Summarize the C&I used today in Sweden based on national laws and international/national agreements as well as (host) organizational targets. This part should preferably be made before the BC tour. 3. Define potential new C&I and suggest improved silvicultural systems that could be especially important to fulfill the goals. Specify in what way different ecosystem services could be obtained by applying certain silvicultural measures. This part should be made during the BC tour. 4. Describe current and suggest new strategies for SFM in the (host) organization/company. Each SFM case study will be presented at a seminar. This final part is made after the BC tour, during week 42-43. - Week 39: Umeå - Week 40-41: BC tour - Week 42-43: At home university and/or at host organization, as required. Presentation over the net or as video conference

Responsible department: Forest Resource Management, SLU Umeå (Professor Ljusk Ola Eriksson)

AFRF Tours and Courses Calendar

Friday, October 01, 2010 – Wednesday, October 13, 2010

Time zone: (GMT-08:00) Pacific Time (US & Canada)

(Adjusted for Daylight Saving Time)

October 2010

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▲ Field Tour SLU PhD students.	Fri, Oct 01 to Wed, Oct 13	
20 People arrive from Umea today and tomorrow	Fri, Oct 01	12:00 PM – 1:00 PM
Accommodation ?? UBC Campus		5:00 PM – 6:00 PM
▲ Free day -- no appointments	Sat, Oct 02	8:00 AM – 5:00 PM
Accommodation ?? UBC Campus		5:00 PM – 6:00 PM

▲	Free time -- no appointments	Sun, Oct 03	8:00 AM – 10:30 AM
	Tour UBC Forest Science Centre. Steve Mitchell, Craig Farnden, Gordon Weetman		10:30 AM – 12:00 PM
	Bus pick-up UBC Forest Science Centre		12:30 PM – 1:00 PM
	2003 Storm damage and recovery in an urban park. Steve Mitchell; Paul Lawson; Craig Farnden. Stanley Park		1:00 PM – 5:00 PM
	Accommodation ?? UBC Campus		5:00 PM – 6:00 PM
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▲	Depart to Squamish; Craig Farnden, Gordon Weetman UBC Forest Science Centre	Mon, Oct 04	8:00 AM – 9:30 AM
	Variable Retention tour; Squamish area		9:30 AM – 1:00 PM
	Travel to Whistler		1:00 PM – 2:00 PM
	Forest Management and Destination Tourism -- Whistler Community Forest.		2:00 PM – 5:00 PM
	Accommodation ?? Whistler		5:00 PM – 6:00 PM
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▲	Depart to Joffre trail head or Meager Creek	Tue, Oct 05	8:00 AM – 10:00 AM
	Alternative -- Meager Creek Landslide NW of Pemberton		10:00 AM – 2:00 PM
	Hike to Joffre Lakes		10:00 AM – 2:00 PM

[Drive to Lillooet with stops](#) 2:00 PM – 5:00 PM

[Accommodation](#) 5:00 PM – 6:00 PM

?? Lillooet

▲ [Depart Lillooet Drive to Knife Creek](#) Wed, Oct 06 8:00 AM – 11:00 AM

[Mule Deer Winter Range, Grassland Restoration, Interface](#) 11:00 AM – 4:00 PM

[Fire, Bioenergy; Ken Day, Cathy Koot, Harold Armleder](#)

Knife Creek Block Alex Fraser
Research Forest

[Drive to Gavin Lake](#) 4:00 PM – 5:00 PM

[Accommodation](#) 5:00 PM – 6:00 PM

Gavin Lake Camp

▲ [Silvicultural systems research; Michaela Waterhouse, Teresa Newsome](#) Thu, Oct 07 8:00 AM – 11:00 AM

Gavin Lake Road and Shelterwood
Road

[Silvicultural systems in practise; Ken Day, Mircea Rau, Don Skea](#) 11:00 AM – 5:00 PM

[Accommodation](#) 5:00 PM – 6:00 PM

Gavin Lake Camp

▲ [Depart Gavin Lake to Aleza Lake Research Forest](#) Fri, Oct 08 8:00 AM – 11:00 AM

[Silvicultural Systems Research; Mike Jull, Melanie Karjala, Sybille Haeusler](#) 11:00 AM – 5:00 PM

[Haeusler](#)
Aleza Lake Research Forest

[Accommodation](#) 5:00 PM – 6:00 PM

?? Prince George

- ▲ [Depart Prince George to Bear Lake](#) Sat, Oct 09 8:00 AM – 9:15 AM
 - [Lodgepole Pine Silviculture](#) 9:15 AM – 5:00 PM
 - [Accommodation](#) 5:00 PM – 6:00 PM
- ?? Prince George
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- ▲ [Free time -- banking, shopping, etc.](#) Sun, Oct 10 8:00 AM – 11:00 AM
- Prince George
- [Depart Prince George via 16 East](#) 11:00 AM – 1:00 PM
 - [Ancient Cedars trail near McBride](#) 1:00 PM – 3:00 PM
- 113 km E of Prince George on S. side of hwy
- [Drive to Kamloops](#) 3:00 PM – 5:00 PM
 - [Accommodation](#) 5:00 PM – 6:00 PM
- ?? Kamloops
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- ▲ [Depart Kamloops to Maple Ridge](#) Mon, Oct 11 8:00 AM – 10:00 AM
 - [Tour stop topic to be planned](#) 10:00 AM – 12:00 PM
- Location TBA
- [Continue travelling to Maple Ridge](#) 12:00 PM – 2:00 PM
 - [Shelterwood Loon Lake East; Cheryl Power](#) 2:00 PM – 5:00 PM
 - [Accommodation](#) 5:00 PM – 6:00 PM
- Loon Lake
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- ▲ [Partial Retention systems,](#) Tue, Oct 12 8:00 AM – 12:00 PM
[Species shifts; Cheryl Power, Paul](#)
[Lawson](#)
Malcolm Knapp Research Forest;
- [Afternoon Seminar for UBC](#) 1:00 PM – 5:00 PM
[Graduate Students](#)
Loon Lake Classroom
- [Accommodation](#) 5:00 PM – 6:00 PM
Loon Lake
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- ▲ [Departure to Vancouver Airport](#) Wed, Oct 13 8:00 AM – 10:00 AM
[Time depending upon airline](#)
[connection times](#)
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