

## BI1442 - Ecological disturbances in forests - silvicultural challenges under climate change

### Lecturers

GE	Gustaf Egnell
MK	Marcus Klaus
WNS	Wiebke Neumann Sivertsson
JP	Jonas Petersson
CF	Cornelius Senf, Technical University of Munich
AM	Audrius Menkis
PH	Peter Högberg
EK	Erik Kjellström, SMHI
MKI	Maartje Klapwijk
KB	Kristina Blennow
FW	Fredrik Widemo
CH	Chandra Krishnamurthy
HD	Hans Djurberg, SCA
MP	Magnus Petersson, Södra
TS	Tomas Staafjord, The County Administration in Västerbotten
CN	Carin Nilsson, the Swedish Forest Agency

Yellow filling = MANDATORY

### Schedule 2023

Day	Date	Time	Venue	Activity	Lecturer	Topic
Tue	31-okt	08:15-10:00	Vita havet	Lecture	GE, MK, XX	Course introduction
		10:15-12:00	Vita havet	Lecture	MK	Drivers of climate change
		P.M.		Group work		Bibliography and quiz
Wed	01-nov	08:15-10:00	Vita havet	Lecture	WNS	The forest damage centre
		10:00-12:00	Vita havet	Lecture	JP	Evaluate your sources
Thu	02-nov	08:15-10:00	Vita havet	Lecture	CS	Disturbances in European forests
		10:00-12:00	Vita havet	Lecture	AM	Pathogens in a changing climate
		P.M.		Group work		Bibliography and quiz
Fri	03-nov			Group work		Bibliography and quiz
Mon	06-nov	08:15-10:00	Vita havet	Lecture	PH	Critical reading/level of evidence
		10:15-12:00	Vita havet	Lecture	MK	Terminology
		P.M.		Group work		Bibliography and quiz
Tue	07-nov	08:15-10:00	Vita havet	Lecture	EK	Regional climate scenarios for Sweden
		10:15-12:00	Vita havet	Lecture	AG	Fire in a changing climate
		P.M.		Group work		Bibliography and quiz
Wed	08-nov	08:15-10:00	Vita havet	Lecture	MKI	Insect damages in a changing climate
		10:15-12:00	Vita havet	Lecture	KB	Storm & snow damages in a changing climate
		P.M.		Group work		Bibliography and quiz

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Day	Date	Time	Venue	Activity	Lecturer	Topic
Thu	09-nov	08:15-10:00 P.M.	Vita havet	Lecture Group work	FW	Herbivory in a changing climate Bibliography and quiz
Fri	10-nov			Group work		Bibliography and quiz
Mon	13-nov			Group work		Bibliography and quiz
Tue	14-nov			Group work		Bibliography and quiz
Wed	15-nov			Group work		Bibliography and quiz
Thu	16-nov			Group work		Bibliography and quiz
Fri	17-nov			Group work		Bibliography and quiz
Mon	20-nov			Group work		Bibliography and quiz
Tue	21-nov			Group work		Bibliography and quiz
Wed	22-nov			Group work		Bibliography and quiz
2218	23-nov			Group work		Bibliography and quiz
<b>FINAL BIBLIOGRAPHY AND QUIZ DELIVERED NO LATER THAN 12:00</b>						
Fri	24-nov			Ind. studies		Prepare for quiz 1-5
Mon	27-nov	08:00-10:00 P.M.	Canvas	Q1 Ind. studies		Fire Prepare for quiz 2-5
Tue	28-nov	08:00-10:00 P.M.	Canvas	Q2 Ind. studies		Wind & snow Prepare for quiz 3-5
Wed	29-nov	08:00-10:00 P.M.	Canvas	Q3 Ind. studies		Insects Prepare for quiz 4-5
Thu	30-nov	08:00-10:00 P.M.	Canvas	Q4 Ind. studies		Pathogens Prepare for quiz 5
Fri	01-dec	08:00-10:00 P.M.	Canvas	Q5 Group work		Herbivory Final report, Lecture & Exam. questions
Mon	04-dec			Group work		Final report, Lecture & Exam. questions
Tue	05-dec			Group work		Final report, Lecture & Exam. questions
Wed	06-dec			Group work		Final report, Lecture & Exam. questions
Thu	07-dec	A.M. 13:00-15:00	Vita havet	Group work Lecture	CK	Final report, Lecture & Exam. questions Socio-economical aspects
Fri	08-dec			Group work		Final report, Lecture & Exam. questions
Mon	11-dec	08:15-10:00 P.M.	Vita havet	Lecture Group work	HD	Adaptation for climate change Final report, Lecture & Exam. questions
Tue	12-dec	08:15-10:00 P.M.	Vita havet	Lecture Group work	MP	Adaptation for climate change Final report, Lecture & Exam. questions
Wed	13-dec	08:15-10:00 P.M.	Vita havet	Lecture Group work	TS	Climate change - challenges for nature protection Final report, Lecture & Exam. questions
Thu	14-dec	08:15-10:00 P.M.	Vita havet	Lecture Group work	CN	Forest policy adaptation in a changing climate Final report, Lecture & Exam. questions

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Day	Date	Time	Venue	Activity	Lecturer	Topic
Fri	15-dec	08:15-10:00 P.M.	Vita havet	Lecture Group work	SSR???	Climate change - challenges for reindeer herding Final report, Lecture & Exam. questions
Mon	18-dec	08:15-10:00 10:15-12:00 13:15-15:00	Vita havet Vita havet Vita havet	G1 lecture G2 lecture G3 lecture		G1 - Fire (G2-opposition) G2 - Wind & Snow (G3-opposition) G3 - Insects (G4-opposition)
Tue	19-dec	08:15-10:00 10:15-12:00 P.M.	Vita havet Vita havet	G4 lecture G5 lecture Group work		G4 - Pathogens (G5-opposition) G5 - Herbivory (G1-opposition) Questions for examination & seminars
Wed	20-dec			Group work		Questions for examination & seminars
Thu	21-dec			Group work		Questions for examination & seminars
Fri	22-dec			Group work		Questions for examination & seminars
<b>FINAL REPORT, Q:S FOR EXAMINATION AND SEMINARS WITH ANSWERS DELIVERED NO LATER THAN 12:00</b>						
Tue	02-jan			Ind. studies		Prepare for examination
Wed	03-jan			Ind. studies		Prepare for examination
Thu	04-jan			Ind. studies		Prepare for examination
Mon	08-jan	08:15-10:00 10:15-12:00 P.M.	Vita havet Vita havet	Seminar G1 Seminar G2 Ind. studies	AG KB	G1 - Fire G2 - Wind & Snow Prepare for examination
Tue	09-jan	08:15-10:00 10:15-12:00 P.M.	Vita havet Vita havet	Seminar G3 Seminar G4 Ind. studies	MK KB	G3 - Insects G4 - Pathogens Prepare for examination
Wed	10-jan	08:15-10:00 P.M.	Vita havet	Seminar G5 Ind. studies	MK	G5 - Herbivory Prepare for examination
Thu	11-jan	xx-xx	Vita havet	Examination		Examination
Fri	12-jan	08:15-10:00	Vita havet	Course ends		Course evaluation