

## Seminar in Environmental Science

# Degree Course ES25XX HT2023/VT 2024

Department of Biological and Environmental Sciences, Natrium, Medicinaregatan 7B

Thursday, May 23, 2024

Welcome to the final seminar on May 23, host Lasse and Lennart

30 hp: 20 minutes presentation + 7 min questions opponent + 7 min questions examiner,

45 hp: 25 minutes presentation + 7 min questions opponent + 7 min questions examiner,

60 hp: 30 minutes presentation + 7 min questions opponent + 7 min questions examiner,

**Local: Room 3401 (Korallrevet) and Zoom <https://gu-se.zoom.us/j/66614387426>**

Respondent	Time	Preliminary title	Supervisor/Examiner
Shaoqi Zhai (ES2510, 60 hp) Final seminar	09.00	The Importance of Algal-Microbial Interactions on Chemical Toxicity	Supervisor: Natália Corcoll Cornet Daniela Gomez Martinez Examiner: Ingela Dahllöf Opponent: Min Seong Kang
Romana Lukášiková (ES2521, 60 hp) Final seminar	09.45	A novel model for measuring wound healing in fish	Supervisor: Darragh Doyle and Niklas Warwas Examiner: Ali Reza Khansari Opponent: Catriona Gilland
<i>Coffee Break</i>	<i>10.30</i>		
Antonia Schauer (ES2500, 30 hp) Final seminar	10.45	Tolerance and acclimation capacity of four Swedish urban tree species to heatwaves	Supervisor: Lasse Tarvainen and Astrid Fridell (co) Examiner: Göran Wallin Opponent: Romana Lukášiková
Oskar Blomqvist and Aline Carvalho Nejstgaard (ES2500, 30 hp) Final seminar – 30 min	11.20	Exploring the effect and metabolism of the isothiazolinone biocides BIT and OIT in PLHC-1 cells	Supervisor: Malin Celander Examiner: Lennart Bornmalm Opponent: Not assigned
<i>Lunch</i>	<i>12.05</i>		
Min Seong Kang ES2571, 45 hp) Final seminar	13.15	Carbon Sequestration and Forest Management: A Study of South Korean Forests' challenges and strategy	Supervisor: Dan Strömberg Examiner: Lasse Tarvainen Opponent: Antonia Schauer
Catriona Gilland (ES2571, 45 hp) Final seminar	13.55	Isothiazolinone biocide metabolism in fish liver cells	Supervisor: Malin Celander Examiner: Lennart Bornmalm Opponent: Shaoqi Zhai
RESERVE TIME	14.35		
Elina Kvist (ES2530, 45 hp) Final seminar	15.30	Optimization of biomarkers with an emphasis on fish and mussel immunology	Supervisor: Joachim Sturve Examiner: Ingela Dahllöf Opponent: Nele Breikreutz
	16.10	Final discussion	
	16.20	Closure	

Most welcome,

Lennart Bornmalm and Lasse Tarvainen, Annemieke Gärdenäs, Course leaders

**Degree Course ES25XX HT2023/VT 2024**

Department of Biological and Environmental Sciences, Natrium, Medicinaregatan 7B

**Friday, May 24, 2024**

Welcome to the final seminar on May 24, host Lasse and Lennart

30 hp: 20 minutes presentation + 7 min questions opponent + 7 min questions examiner,

45 hp: 25 minutes presentation + 7 min questions opponent + 7 min questions examiner,

60 hp: 30 minutes presentation + 7 min questions opponent + 7 min questions examiner,

**Local: Sal 3401 (Korallrevet) and Zoom <https://gu-se.zoom.us/j/66614387426>**

Respondent	Time	Preliminary title	Supervisor/Examiner
Myna Afsar (ES2520, 60 hp) Final seminar	09.00	Groundwater ecotoxicology – a critical review on exposure and effects	Supervisor: Thomas Backhaus, examiner: Natàlia Corcoll Cornet Opponent: Elin Frost
<i>Coffee Break</i>	<i>10.15</i>		
Micha Wehrli (ES2520, 60 hp) Final seminar	10.30	Effects on toxicokinetics, driven through higher temperatures on collembolans, exposed to the fungicide fluazinam.	Supervisor: Thomas Backhaus, and Martin Holmstrup Examiner: Ingela Dahllöf Opponent: Elina Kvist
Elin Frost (ES2561, 45 hp) Final seminar	11.15	Geo Energy system at Skövde Hospital	Supervisor: Håkan Pleijel and David Klemetz Examiner: Dan Strömberg Opponent: Ursula Ntoug-Mbi :
<i>Lunch</i>	<i>11.55</i>		
RESERVE TIME	13.15		
Gustav Ståhl (ES2500, 30 hp) Final seminar	13.55	Assessing Heat Tolerance in Urban Trees: A Study of Chlorophyll Fluorescence in Four Tree Species	Supervisor: Johan Uddling, and Olivier Manzi (co) Examiner: Göran Wallin Opponent: Micha Wehrli
<i>Coffee break</i>	<i>14.30</i>		
Nick Rainer Törpel (ES2510, 60 hp) Final seminar	14.45	Assessing the contribution of mussel farming to greenhouse gas emissions in the Koljö fjord, western Sweden	Supervisor: Stefano Bonaglia Examiner: Lennart Bornmalm Opponent: Gustav Ståhl
Ursula Ntoug-Mbi (ES2500, 30 hp) Final seminar	15.30	Chemicals and construction materials - study on Natrium.	Supervisor: Bethanie Carney Almroth Examiner: Natàlia Corcoll Opponent: Myna Afsar
<i>Break</i>	<i>16.05</i>		
Nele Breitreutz (ES2571, 45 hp) Final seminar	16.20	Temperature- and density-dependent growth of an ectotherm.	Supervisor: Luc Bussière and Frank Johansson, UU Examiner: Johan Höjesjö Opponent: Nick Rainer Törpel
	17.00	Final discussion	
	17.10	Closure	

Most welcome,

Lennart Bornmalm and Lasse Tarvainen, Course leaders

## Seminar in Environmental Science

# Degree Course ES25XX HT2023/VT 2024

Department of Biological and Environmental Sciences, Natrium, Medicinaregatan 7B

Wednesday, May 29, 2024

Welcome to the final seminar on May 29, host Lasse and Lennart

30 hp: 20 minutes presentation + 7 min questions opponent + 7 min questions examiner,

45 hp: 25 minutes presentation + 7 min questions opponent + 7 min questions examiner,

60 hp: 30 minutes presentation + 7 min questions opponent + 7 min questions examiner,

**Local: Room 2124 (Jämvikten) and Zoom <https://gu-se.zoom.us/j/66614387426>**

Respondent	Time	Preliminary title	Supervisor/Examiner
Anna Dugoul ES2500, 30 hp Final seminar	13.15	Assessment of best practices for reducing embodied carbon impacts from buildings.	Supervisor: Johan Uddling, Johan Rootzèn (external), Ida Karlsson (external) Examiner: Dan Strömberg Opponent: Anneliese Suryaningtyas
Nadine Romero Halldorf (ES2500, 30 hp) Final seminar	13.50	Urban trees questionnaire study	Supervisor: Jenny Klingberg Examiner: Johan Uddling Opponent: Kingson Wilson Mattu
<i>Break</i>	<i>14.25</i>		
Aikaterini Theodora Syriopoulou (ES2500, 30 hp) Final seminar	14.40	Sources of birch pollen from April to June 2023 registered at x monitoring sites in Sweden. Does a currently used automated forecast model agree with the realized pollen concentrations, and which areas were the most important pollen sources?	Opponent: Supervisor: Aslög Dahl Examiner: Håkan Pleijel Opponent: Nadine Romero Halldorf
Dilhani Tharuka Dasanthi Hitibandara (ES2510, 60 hp) Final seminar	15.15	Environmental possibilities of utilizing recycled plastics as food packaging materials.	Supervisor: Dan Strömberg, Sofia Öberg Examiner: Bethanie Carney Almroth Opponent: Anna Dugoul
<i>Break</i>	<i>16.00</i>		
Kingson Wilson Mattu (ES2521, 60 hp) Final seminar	16.15	Air Pollution and Development of Northern European Societies 1965 – 2020	Supervisor: Jan Pettersson Examiner: Xiangrui Kong Opponent: Aikaterini Theodora Syriopoulou
Anneliese Suryaningtyas (ES2500, 30 hp) Final seminar	17:00	Direct effect of chemical mixtures on potential nitrification by a natural community of marine bacteria	Supervisor: Ingela Dahllöf, Jenny Egardt Examiner: Joachim Sturve Opponent: Dilhani Tharuka Dasanthi Hitibandara
	17.35	Final discussion	
	17:45	Closure	

Most welcome,

Lennart Bornmalm and Lasse Tarvainen, Course leaders

Seminar in Environmental Science

## Degree Course ES25XX VT 2024

Department of Biological and Environmental Sciences, Natrium, Medicinaregatan 7B

Thursday, May 30, 2024

Welcome to the final seminar on May 30, host Lasse and Lennart

30 hp: 20 minutes presentation + 7 min questions opponent + 7 min questions examiner,

60 hp: 30 minutes presentation + 7 min questions opponent + 7 min questions examiner,

**Local: Room 2124 (Jämvikten) and Zoom <https://gu-se.zoom.us/j/66614387426>**

Respondent	Time	Preliminary title	Supervisor/Examiner
Jonatan Knutsson (ES2510, 60 hp) Final seminar	14.15	Volatile organic compound (VOC) emissions and secondary organic aerosols from post-clearcut forests at Norunda, Sweden and in Gothenburg	Supervisor: Cheng Wu Examiner: Mattias Hallquist Opponent: Dona Sandeepa Dulakshanee Weerasinghe
<i>Coffee Break</i>	<i>15.00</i>		
Dona Sandeepa Dulakshanee Weerasinghe (ES2521, 60 hp) Final seminar	15.15	Chemical Characteristics of Secondary Organic Aerosols and Their Precursors in Indo-Gangetic Plain	Supervisor: Epameinondas Tsiligiannis and Cheng Wu Examiner: Mattias Hallquist Opponent: Jonatan Knutsson
	16.00	Final discussion	
	16.10	Closure	

Most welcome,  
Lennart Bornmalm and Lasse Tarvainen  
Course leaders