Title	Presenter	Poster group	Poster NR.	Sessions	Presentation Days	Locations
Improving model representation of isoprene emissions from Swedish boreal forests	Constanza Urbina Guerra	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 1	**Session 1 A**	Monday	Skogis Kårhuset
Assessment of Biomass and Soil CO_2 Fluxes in a Deciduous Plantation on Agricultural Land in Latvia	Kristaps Makovskis	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 10	**Session 1 B**	Monday	Skogis Kårhuset
Spatio-temporal dynamics of GHG fluxes in a constructed wetland: comparison of automatic and manual static chambers	Rady Jean-Bart	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 11	**Session 2 A**	Tuesday	Skogis Kårhuset
Decade-long trend in decreasing carbon uptake in two mature boreal forests driven by divergent ecosystem responses	Koffi Dodji Noumonvi	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 12	**Session 2 B**	Tuesday	Skogis Kårhuset
SERVICO2: Evaluating Greenhouse Gas Regulation in Headwater Catchments	Lluís Camarero	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 13	**Session 1 A**	Monday	Skogis Kårhuset
Changes in acidity of dissolved organic carbon since 1990 revealed by modeling of 42,000 pH titrations from 110 streams	Carin Sjöstedt	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 14	**Session 1 B**	Monday	Skogis Kårhuset
The influence of deciduous vegetation cover on boreal riparian soils	Malgorzata Winkowska	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 15	**Session 2 A**	Tuesday	Skogis Kårhuset
Removal of pharmaceuticals and PFAS in a full-scale constructed wetland system and its on-site intensified models	Adam Sochacki	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 16	**Session 2 B**	Tuesday	Skogis Kårhuset
Impact of the ecological continuum and mesological conditions on the biodegradation of DOC in surface waters.	Baptiste Alran	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 17	**Session 1 A**	Monday	Skogis Kårhuset
Soil morphological, physicochemical, and nutrient biogeochemistry data from 12 selected riparian sites	Sara Trojahn	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 18	**Session 1 B**	Monday	Skogis Kårhuset
Rare Earth Elements in Riparian Wetlands – The influence of redox chemistry and dissolved organic matter composition	Anja Hortmann	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 19	**Session 2 A**	Tuesday	Skogis Kårhuset
Iron as a Key Predictor of Water Colour in Wetlands Across Southern Sweden	Henric Djerf	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 2	**Session 1 B**	Monday	Skogis Kårhuset
Understanding Controls on Lateral Carbon Export from Permafrost Peatlands Using an Ecosystem Model Sensitivity Analysis	Ian Shirley	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 20	**Session 2 B**	Tuesday	Skogis Kårhuset
Five years of dissolved oxygen data reveals seasonal and inter-annual controls on metabolic processes in an arctic river	Keridwen Whitmore	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 21	**Session 1 A**	Monday	Skogis Kårhuset
Working Towards a Global River Greenhouse Gas Isotope Database	Elizabeth Flint	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 22	**Session 1 B**	Monday	Skogis Kårhuset
From widespread recovery to site-specific dynamics: changing drivers of organic carbon in high-latitude lakes	Anna Lackner	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 23	**Session 2 A**	Tuesday	Skogis Kårhuset
Unseen drivers of reservoir water quality	Catherine Moody	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 24	**Session 2 B**	Tuesday	Skogis Kårhuset
Carbon cycling in tropical streams: from the clouds through the mountain and to the sea	Bianca Rodriguez-Cardona	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 26	**Session 1 B**	Monday	Skogis Kårhuset
Riparian Unit typologies can help inform assessments of soil macronutrient pools across geoclimatic gradients	Sara Trojahn	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 27	**Session 2 A**	Tuesday	Skogis Kårhuset
Streams in forested headwater catchments: Availability of organic nutrients	Livia Vieira Carlini Charamba	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 28	**Session 2 B**	Tuesday	Skogis Kårhuset
Soil moisture triggers greenhouse gas emissions in Mediterranean riparian soils.	Susana Bernal	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 29	**Session 1 A**	Monday	Skogis Kårhuset
Investigating the feedback between climate warming and productivity in Arctic lakes	Johan van Snippenberg	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 3	**Session 2 A**	Tuesday	Skogis Kårhuset
Carbon Accumulation and Degradation Following the Restoration of Natural Hydrology in Two Ecosystems.	Benedichte Wiemann Olsen	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 30	**Session 1 B**	Monday	Skogis Kårhuset
Tracing versus transformation: Exploring hillslope-stream connectivity across riparian zones in headwater catchments	Luisa Hopp	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 31	**Session 2 A**	Tuesday	Skogis Kårhuset
Seasonal shifts in aquatic microbial communities and connection to greenhouse gas dynamics in a subarctic stream network	Jonna Tauriainen	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 32	**Session 2 B**	Tuesday	Skogis Kårhuset
Streams in forested headwater catchments: Sources of dissolved organic carbon	Erik Nestler	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 33	**Session 1 A**	Monday	Skogis Kårhuset
Streams in forested headwater catchments: Drivers of brownification	Laura Degenkolb	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 34	**Session 1 B**	Monday	Skogis Kårhuset
Terrestrial–aquatic coupling controls Volatile Organic Compound emissions across subarctic river–riparian interfaces	Huizhong Zhang-Turpeinen	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 35	**Session 2 A**	Tuesday	Skogis Kårhuset
Impact of Forest harvesting methods on lake food webs	Laura Kettunen	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 36	**Session 2 B**	Tuesday	Skogis Kårhuset
Leveraging synoptic CO2 and O2 measurements in stream networks to quantify the lateral carbon transport from land	Gerard Rocher-Ros	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	LWA 9	**Session 1 A**	Tuesday	Skogis Kårhuset
Soil heterotrophic respiration in a mixed hemiboreal Norway spruce-silver birch chronosequence	Mai Kukumägi	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 4	**Session 2 B**	Tuesday	Skogis Kårhuset
Modelling CO2 production rates in forest soil with stable isotope ratios	Outi Kurri	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 5	**Session 1 A**	Monday	Skogis Kårhuset
Tree–Microbe Interactions in Methane Exchange Across Forest Tree Tissues	Krishnapriya Thiyagarasaiyar	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 6	**Session 1 B**	Monday	Skogis Kårhuset
ABOVEGROUND CARBON SEQUESTRATION IN HEMIBOREAL SILVER BIRCH AND NORWAY SPRUCE MIXED STANDS CHRONOSEQUENCE	Agnes Sepaste	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 7	**Session 2 A**	Tuesday	Skogis Kårhuset
A trait-based framework for modeling microbial production and consumption of volatile organic compounds	Jonathan Donhauser	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	LWA 8	**Session 2 B**	Tuesday	Skogis Kårhuset
Biological N2-fixation in polluted peatlands: Spatial and temporal variability based on 15N2 incubation experiments	Martin Novak	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 1	**Session 1 A**	Monday	Skogis Kårhuset
Modelling the effects of wide riparian buffers under Alternative Forest Management along Swedish freshwaters	Alejandro Gándara	PLA 18. Biodiversity Trade-Offs and Co-Benefits in Ecosystem Restoration	PLA 10	**Session 1 B**	Monday	Skogis Kårhuset
Natural tree regeneration after prescribed burning with tree retention in the European boreal forest	Nicola Kokkonen	PLA 18. Biodiversity Trade-Offs and Co-Benefits in Ecosystem Restoration	PLA 11	**Session 2 A**	Tuesday	Skogis Kårhuset
To graze or not to graze: Soil carbon and nitrogen storage and cycling under grazing, grazer exclusion and mowing	Joanne A. O'Keeffe	PLA 18. Biodiversity Trade-Offs and Co-Benefits in Ecosystem Restoration	PLA 12	**Session 2 B**	Tuesday	Skogis Kårhuset
Mapping Dead Wood in Riparian Forest Edge Zones Using High-Resolution Unmanned Aerial Vehicle Data	Oscar Andersson	PLA 18. Biodiversity Trade-Offs and Co-Benefits in Ecosystem Restoration	PLA 13	**Session 1 A**	Monday	Skogis Kårhuset
An Ecosystem Services–Based Approach to Characterising Riparian Forests and Developing Management Solutions	Sille Rebane	PLA 18. Biodiversity Trade-Offs and Co-Benefits in Ecosystem Restoration	PLA 14	**Session 1 B**	Monday	Skogis Kårhuset
Comparison of sources of reactive nitrogen in fog and rain based on isotope ratios and Bayesian modeling	Marketa Stepanova	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 15	**Session 2 A**	Tuesday	Skogis Kårhuset
Hydrological and biogeochemical responses to drought and deforestation in two Central European headwater catchments	Anna Lamačová	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 16	**Session 2 B**	Tuesday	Skogis Kårhuset
Long-term effects of nitrogen fertilisation on forest production, climate benefits and sustainability in a boreal forest	Felicia Dahlgren Lidman	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 17	**Session 1 A**	Monday	Skogis Kårhuset
Beyond mosses: expanding the view of nitrogen fixation in boreal forests	Kazi Samiul Islam	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 18	**Session 1 B**	Monday	Skogis Kårhuset
What is the role of water table in the ash fertilization growth response?	Anni Palvi	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 19	**Session 2 A**	Tuesday	Skogis Kårhuset
Linking Snow Regimes, Vegetation Shifts, and Soil Microbial Communities in Arctic Tundra	Leah Kirchhoff	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 2	**Session 1 B**	Monday	Skogis Kårhuset
Nitrogen stocks, budgets and fluxes of a hemiboreal Norway spruce forest	Tobias Rütting	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 20	**Session 2 B**	Tuesday	Skogis Kårhuset
Effect of Phosphorus Fertilization and Vegetation on Nitrogen Gas Emissions from Boreal Agricultural Peat Soils	Saara Tallbacka	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 21	**Session 1 A**	Monday	Skogis Kårhuset
Element flows before and after silvicultural intervention in riparian hemiboreal forests	Arta Bārdule	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 22	**Session 1 B**	Monday	Skogis Kårhuset
Fertilization-induced shifts in hemiboreal forest ground vegetation: short- to mid-term patterns, environmental drivers	Guna Petaja	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 23	**Session 2 A**	Tuesday	Skogis Kårhuset
STANDARD HYDROCHEMISTRY ISN'T ENOUGH: AN INTEGRATED FRAMEWORK FOR NITROGEN BIOGEOCHEMISTRY STUDY AND SOURCE API	Yuliya Vystavna	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 24	**Session 2 B**	Tuesday	Skogis Kårhuset
Testing an electrochemical sensor system for soil solution nitrate monitoring.	Safi Ullah	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 25	**Session 1 A**	Monday	Skogis Kårhuset
Beyond Climate: Nutrient Status and Tree Structure Control Carbon–Water Trade-Offs in Temperate Forest Trees	Filip Oulehle	PLA 2. Nitrogen Biogeochemistry – Links to Other Elements and Biodiversity	PLA 26	**Session 1 B**	Monday	Skogis Kårhuset
Long-Term Changes in Precipitation Chemistry: A Central European Perspective	Iva Hunova	PLA 8. Catchment Biogeochemistry Perspectives on Decadal Trends in Air Pollution: Sulfate, Nitro	PLA 27	**Session 2 A**	Tuesday	Skogis Kårhuset
Legacy soil lead and dissolved organic carbon control streamwater lead despite declining deposition	Leona Bohdálková	PLA 8. Catchment Biogeochemistry Perspectives on Decadal Trends in Air Pollution: Sulfate, Nitro	PLA 28	**Session 2 B**	Tuesday	Skogis Kårhuset
An integrative modeling approach to trace and predict essential elements in Fennoscandian lakes under global change	Mohanad Abdelgadir	PLA 8. Catchment Biogeochemistry Perspectives on Decadal Trends in Air Pollution: Sulfate, Nitro	PLA 29	**Session 1 A**	Monday	Skogis Kårhuset
Activity and abundance of nitrous oxide reducing bacteria in epiphytic lichen Platismatia glauca of spruce forest	Vincenzo Abagnale	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 3	**Session 2 A**	Tuesday	Skogis Kårhuset
Leaf; Litter; Soil: Vertical Air Measurements reveal Seasonal Mercury Dynamics in Changing Temperate Forests	Lina Oskamp	PLA 8. Catchment Biogeochemistry Perspectives on Decadal Trends in Air Pollution: Sulfate, Nitro	PLA 30	**Session 1 B**	Monday	Skogis Kårhuset
Tracing mercury in tropical trees – wood Hg concentrations across two contrasting forests in Costa Rica	Marta Pérez-Rodríguez	PLA 8. Catchment Biogeochemistry Perspectives on Decadal Trends in Air Pollution: Sulfate, Nitro	PLA 31	**Session 2 A**	Tuesday	Skogis Kårhuset
Investigating effects of declining sulfur deposition on methane cycling in lakes	Charlotta Hagström	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 4	**Session 2 B**	Tuesday	Skogis Kårhuset
Iron- and manganese-amended constructed wetlands for the removal of organic micropollutants from greywater	Mayang Christy Perdana	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 5	**Session 1 A**	Monday	Skogis Kårhuset
Contrasting N and P retention in alpine soils: the role of soil microbiome in scree and meadow environments	Michal Choma	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 6	**Session 1 B**	Monday	Skogis Kårhuset
Active microbial nitrous oxide consumption captures nitrogen for plant tissues	Johanna Kerttula	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 7	**Session 2 A**	Tuesday	Skogis Kårhuset
The soil microbiome as a key to carbon drawdown in afforestation – Silva Nova and MycoForest concepts	Claus Beier	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 8	**Session 2 B**	Tuesday	Skogis Kårhuset
Effects of roots on nitrogen availability in boreal forest soils under fertilization and elevated atmospheric CO_2	Anne Braunroth	PLA 10. Plant–Soil–Microbial Interactions as Drivers of Ecosystem Processes	PLA 9	**Session 1 A**	Monday	Skogis Kårhuset
Long-term monitoring of soil solution chemistry on the ICP Forests plots in Central Europe	Vera Fadrhonsova	RI 9. Long-Term Forest Health and Extreme Events	RI 1	**Session 1 A**	Tuesday	Skogis Kårhuset
Microplastic sinks, sources and activation events in a semi natural boreal catchment.	Lee Haverson	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 10	**Session 1 B**	Monday	Skogis Kårhuset
Diverse Altitudinal Patterns and Drivers of Greenhouse Gas Dynamics in Southwest China Alpine Streams and Rivers	Ying Wang	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 11	**Session 2 A**	Tuesday	Skogis Kårhuset
Stable H and O isotope signals of DOM along salinity and oxygen gradients in the Mediterranean Sea	Karelys Umbria-Salinas	RI 15. Source to Sea: The Challenge of Scaling Catchment Models for Better Water Management	RI 12	**Session 2 B**	Tuesday	Skogis Kårhuset
Evaluating downcore mobility of 210Pb from the current surfaces of mined Sphagnum bogs: How reliable is 210Pb dating?	Martin Novak	RI 19. Paleo Perspectives on Anthropocene Challenges	RI 13	**Session 1 A**	Monday	Skogis Kårhuset
Paleolimnogical evidence of forest fires and peatland drainage shaping mercury loading to a boreal lake ecosystem	Chuxian LI	RI 19. Paleo Perspectives on Anthropocene Challenges	RI 14	**Session 1 B**	Monday	Skogis Kårhuset
Assessing depositional and post-depositional factors controlling Pb and Hg accumulation in Holocene peat records through PLS modelling	Noemí Silva-Sánchez	RI 19. Paleo Perspectives on Anthropocene Challenges	RI 15	**Session 2 A**	Tuesday	Skogis Kårhuset
Nitrous oxide emissions from pigeon pea - maize rotation in response to conservation agriculture and biochar amendments	Talent Namatsheve	RI 20. Biogeochemistry and the Ecology of Agriculture	RI 16	**Session 2 B**	Tuesday	Skogis Kårhuset
Sustainable Recycling of Agricultural and Horticultural Plastics: Pathways to sustainable agricultural system.	Aaqib Mohammad	RI 20. Biogeochemistry and the Ecology of Agriculture	RI 17	**Session 1 A**	Monday	Skogis Kårhuset
35 years of water quality data in agricultural runoff: Insights on trends and hydrological limitations in a cold climate	Moritz Herrmann	RI 20. Biogeochemistry and the Ecology of Agriculture	RI 18	**Session 1 B**	Monday	Skogis Kårhuset
Field and controlled study reveal scale-dependent effects of legume-digestate treatment in agroforestry on organic soils	Austra Zuševica	RI 20. Biogeochemistry and the Ecology of Agriculture	RI 19	**Session 2 A**	Tuesday	Skogis Kårhuset
Small Waters, Big Winter Effects: Ice-Driven Biogeochemical Processing in Peatland Ponds and Puddles	Baptiste Emery	RI 1. Field Research Infrastructures for Critical Zone and Aquatic Ecosystems in Transition	RI 2	**Session 1 B**	Monday	Skogis Kårhuset
Understanding the drivers of boreal forest growth from an eco-physiological perspective	Pedro Rosero	RI 9. Long-Term Forest Health and Extreme Events	RI 20	**Session 2 B**	Tuesday	Skogis Kårhuset
Estimation of net geochemical release of base cations based on mass balance	Nikola Broschardt	RI 9. Long-Term Forest Health and Extreme Events	RI 21	**Session 1 A**	Monday	Skogis Kårhuset
Effects of liming on soil and calcium and magnesium balance at highly acidified sites with differing characteristics	Nikola Broschardt	RI 9. Long-Term Forest Health and Extreme Events	RI 22	**Session 1 B**	Monday	Skogis Kårhuset
Altered soil chemistry as a legacy of historic charcoal burning	Hana Johanis	RI 9. Long-Term Forest Health and Extreme Events	RI 23	**Session 2 A**	Tuesday	Skogis Kårhuset
INTEGRATING GROUND-BASED AND REMOTE SENSING MONITORING FOR FOREST DISTURBANCE DETECTION: ICP FORESTS MEETS EFDA	Ionut Silviu Pascu	RI 9. Long-Term Forest Health and Extreme Events	RI 24	**Session 2 B**	Tuesday	Skogis Kårhuset
Hierarchical Machine Learning for Predicting Forest Disturbance Types and Intensity in Romanian Forests	Ionut Silviu Pascu	RI 9. Long-Term Forest Health and Extreme Events	RI 25	**Session 1 A**	Monday	Skogis Kårhuset
Mechanisms underlying divergent forest response to stand-replacing wildfire across climatic and topographic gradients	Hannah R Miller	RI 9. Long-Term Forest Health and Extreme Events	RI 26	**Session 1 B**	Monday	Skogis Kårhuset
Effectiveness and long-term performance of protective spirals in mitigating cervid damage to young forest stands.	Kārlis Dūmiņš	RI 9. Long-Term Forest Health and Extreme Events	RI 27	**Session 2 A**	Tuesday	Skogis Kårhuset
Long-term monitoring of soil solutions in the Strengbach watershed: from acid rain to pests and drought issues.	Marie-claire Pierret	RI 9. Long-Term Forest Health and Extreme Events	RI 28	**Session 2 B**	Tuesday	Skogis Kårhuset
COMPARİSON OF 5-YEARS DEPOSİTİON CYCLES IN CONIFEROUS IN TURKEY(2017-2022)	SEYFETTIN KINIS	RI 9. Long-Term Forest Health and Extreme Events	RI 3	**Session 2 A**	Monday	Skogis Kårhuset
Ecological impact of Oxygenation on Phosphorus Release and Accumulation in Lake Fure	Sofie Kamlarczyk	RI 1. Field Research Infrastructures for Critical Zone and Aquatic Ecosystems in Transition	RI 4	**Session 2 B**	Tuesday	Skogis Kårhuset
Nitrate in Arctic river systems: Insights from a new biogeochemical model	Leah A. Jackson-Blake	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 5	**Session 1 A**	Monday	Skogis Kårhuset
Hydroclimatic controls of snowmelt-derived streamflow timing in a boreal catchment	Nicolas Finkler	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 6	**Session 1 B**	Monday	Skogis Kårhuset
The impact of permafrost thaw on carbon emissions and mineralisation of previously frozen peat	Arwen Henz	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 7	**Session 2 A**	Tuesday	Skogis Kårhuset
Freeze-thaw events outpace warming in enhancing winter respiration of alpine soils	Petr Čapek	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 8	**Session 2 B**	Tuesday	Skogis Kårhuset
Dissolved organic carbon dynamics within ice-wedge polygon hydrological capillary systems	Claire Griffin	RI 13. Cold (High Latitude/Altitude) Ecosystems in Transition	RI 9	**Session 1 A**	Monday	Skogis Kårhuset
Clay and iron and aluminium oxyhydroxides control of soil organic matter stabilization during pedogenesis	Marie Plasova	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 1	**Session 1 A**	Monday	Skogis Kårhuset
Land use controls on soil water composition delivered to drainage ditches	Anne Eberle	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 10	**Session 1 B**	Monday	Skogis Kårhuset
Deciphering weather vs. climatic controls on litter decomposition in Arctic ecosystems	Nicolas Bonfanti	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 11	**Session 2 A**	Tuesday	Skogis Kårhuset
Coupling hydrogen and oxygen stable isotope ratios as a proxy for unravelling organo-mineral interactions	Astolfo Valero	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 12	**Session 2 B**	Tuesday	Skogis Kårhuset
Effects of intensive versus regenerative agriculture on soil water-extractable organic matter and soil enzyme activity	Miriam Florit-Pons	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 13	**Session 1 A**	Monday	Skogis Kårhuset
Enhanced rock weathering in deciduous hardwood forests: organic carbon source or sink?	Christine Goodale	SC 17. Biogeochemistry of Enhanced Mineral Weathering	SC 14	**Session 1 B**	Monday	Skogis Kårhuset
The fate of soil organic carbon after two years of Enhanced Rock Weathering on a temperate soil	Favour Etinkumoh	SC 17. Biogeochemistry of Enhanced Mineral Weathering	SC 15	**Session 2 A**	Tuesday	Skogis Kårhuset
Phytolith-occluded organic carbon – an overlooked CO2 removal pathway in Enhanced Rock Weathering?	Benjamin Möller	SC 17. Biogeochemistry of Enhanced Mineral Weathering	SC 16	**Session 2 B**	Tuesday	Skogis Kårhuset
River alkalinity enhancement as a carbon dioxide removal strategy: a Norwegian case study	Benjamin Trueman	SC 17. Biogeochemistry of Enhanced Mineral Weathering	SC 17	**Session 1 A**	Monday	Skogis Kårhuset
Feeling the "pulse": long-term studies are key to understanding organic carbon dynamics in bio-weathering	Sara Vicca	SC 17. Biogeochemistry of Enhanced Mineral Weathering	SC 18	**Session 1 B**	Monday	Skogis Kårhuset
Afforestation shifts soil carbon from mineral associated to particulate pools while maintaining microbial necromass	Ming Yu	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 2	**Session 1 B**	Monday	Skogis Kårhuset
Assessing the suitability of environmental conditions for biological N2-fixation in peatlands – N:P ratios in bog water	Martin Novak	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 20	**Session 2 B**	Tuesday	Skogis Kårhuset
Year-Round Net Ecosystem Carbon Balance in a Northern Boreal Fen: Integrating Vertical and Lateral Carbon Fluxes	Karoliina Särkelä	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 21	**Session 1 A**	Monday	Skogis Kårhuset
From peat to gases - a WETSCAPES2.0 project	Helene Felsmann	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 22	**Session 1 B**	Monday	Skogis Kårhuset
Wetland Restoration in Europe – Four approaches	Liisa Ukonmaanaho	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 23	**Session 2 A**	Tuesday	Skogis Kårhuset
Summer temperatures largely drive annual methane emissions of a northern peatland fen	Angelika Kübert	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 24	**Session 2 B**	Tuesday	Skogis Kårhuset
The Future Role of Boreal Peatland Ecosystems in a Changing Climate: Oil Sands Mining and Global Warming	Melanie Vile	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 25	**Session 1 A**	Monday	Skogis Kårhuset
Effect of peatland restoration on methane oxidation and production potentials on selected sites in Finland	Marja Maljanen	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 26	**Session 1 B**	Monday	Skogis Kårhuset
Quantification of greenhouse gas fluxes in peatlands using ground-based and drone-based sensors	Valentin Heinzelmann	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 27	**Session 2 A**	Tuesday	Skogis Kårhuset
Documenting and developing methods for linking hydrology and dissolved organic carbon movements in a northern peatland	Petra Korhonen	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 28	**Session 2 B**	Tuesday	Skogis Kårhuset
Evaluating methane oxidation in peatlands by using stable isotope techniques	Mohadeseh Ramezanalaghel	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 29	**Session 1 A**	Monday	Skogis Kårhuset
Predictive power of plants: Trait–methane flux relationships in three sedge species of a boreal fen	Eeva Järvi-Laturi	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 30	**Session 1 B**	Monday	Skogis Kårhuset
Methane flux dynamics in a northern boreal catchment during snow season	Milja Männikkö	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 31	**Session 2 A**	Tuesday	Skogis Kårhuset
Deriving representative emission factors for vegetation types of moist and wet peatlands in central Europe	Lukas Guth	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 32	**Session 2 B**	Tuesday	Skogis Kårhuset
Vegetation, land use, and water quality controls on greenhouse gas fluxes in tropical wetlands	Oswald Omuron	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 33	**Session 1 A**	Monday	Skogis Kårhuset
Peat properties and water quality in reforested cutover peatlands	Lassi Päkkilä	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 34	**Session 1 B**	Monday	Skogis Kårhuset
Influence of functional plant group richness on methane emissions from (rewetted) peatlands	Veronique Boon	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 35	**Session 2 A**	Tuesday	Skogis Kårhuset
Monitoring of Environmental Impact after Rewetting of Peat Extraction Area	Hannu Marttila	SC 7. Natural and Restored Peatland – Effects on Carbon Cycling, Hydrology, Greenhouse Gases a	SC 36	**Session 2 B**	Tuesday	Skogis Kårhuset
Biochar from wood, bone, and post-harvest residues: Impacts on soil health under variable moisture regimes	Martina Vítková	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 4	**Session 2 B**	Tuesday	Skogis Kårhuset
Natural and anthropogenic factors control peat nutrient levels in peat in boreal and hemi-boreal Sweden	Lorenzo Vegliò	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 5	**Session 1 A**	Monday	Skogis Kårhuset
Comparison of analytical approaches for assessing soil organic carbon stability	Lucie Hüblová	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 6	**Session 1 B**	Monday	Skogis Kårhuset
Spatial variation of carbon, root, plant residues and active aluminum in a Japanese cypress stand on the volcanic soil	Nanae Hosokawa	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 7	**Session 2 A**	Tuesday	Skogis Kårhuset
Aggregate-protected soil organic matter dominates mountain ecosystems	Anna Cibulková	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 8	**Session 2 B**	Tuesday	Skogis Kårhuset
SHIFTS IN SOIL CARBON STORAGE WITH LAND USE CHANGE IN ESTONIA	Karmel Kikas	SC 16. Biogeochemistry of Soil Carbon Stabilization	SC 9	**Session 1 A**	Monday	Skogis Kårhuset
Forestry, streams and wetlands – building capacity through research, best practice management and communication	Elisabet Andersson	LWA 6.Carbon Linkages Between Terrestrial and Aquatic Systems	UNI 1	**Session 3**	Thursday	Universum
What is in the atmosphere? Insights from co-located ACTRIS and ICOS stations at Svartberget	Nataliia Kozii	LWA 11. Land–Atmosphere Feedbacks: Greenhouse Gases, VOCs, Particles and Water	UNI 2	**Session 3**	Thursday	Universum
The Krycklan Catchment Study – A unique Field Infrastructure for Forest, Soil and Water Research	JOHANNES TIWARI	RI 1. Field Research Infrastructures for Critical Zone and Aquatic Ecosystems in Transition	UNI 3	**Session 3**	Thursday	Universum
A field-based research platform for studying forest growth, carbon stocks and biodiversity in a managed forest landscape	Johannes Larson	RI 1. Field Research Infrastructures for Critical Zone and Aquatic Ecosystems in Transition	UNI 4	**Session 3**	Thursday	Universum
Long-term forest field experiments in Sweden	Maria Martell	RI 9. Long-Term Forest Health and Extreme Events	UNI 5	**Session 3**	Thursday	Universum
Climatic and lithologic controls on differing streamflow and material export regimes in adjacent non-perennial streams	Margaret Zimmer	WFE 12. What Do Ephemeral Flow Systems Mean for the Catchment Approach to Understanding E	WFE 1	**Session 1 A**	Monday	Skogis Kårhuset

Wildfire ash contributions to marine and terrestrial phosphorus nutrition under current and future conditions	Avner Gross	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 10	**Session 1 B**	Monday	Skogis Kårhuset
Wildland fire impacts on temporal and spatial patterns of trace elements in smelter-affected semiarid soils	Vojtech Ettler	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 11	**Session 2 A**	Tuesday	Skogis Kårhuset
Fire-induced redistribution of potentially toxic elements in soils of the Bohemian Switzerland National Park, Czechia	Marek Tuhý	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 12	**Session 2 B**	Tuesday	Skogis Kårhuset
The impact of clearcut management on the soil organic matter and potential mobilisation of risk elements	Lenka Pavlů	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 13	**Session 1 A**	Monday	Skogis Kårhuset
Examining Rainfall–Runoff Response Under Changing Land Cover Using Stable Isotopes of Water	Kaitlyn Hogarth	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 14	**Session 1 B**	Monday	Skogis Kårhuset
Carbon sequestration during early forest establishment on abandoned agricultural land across a latitudinal gradient	Felicia Dahlgren Lidman	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 15	**Session 2 A**	Tuesday	Skogis Kårhuset
Hydrochemical dynamics in headwater catchments with varying forest management influence downstream nutrient loading	Colin Fuss	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 18	**Session 1 B**	Monday	Skogis Kårhuset
Connection of small Mediterranean coastal lagoons to surface and ground water at the watershed scale, impact on ecology	Frederic HUNEAU	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 19	**Session 2 A**	Tuesday	Skogis Kårhuset
Flow or no-flow: what citizens tell us about temporary stream dynamics	Jan Seibert	WFE 12. What Do Ephemeral Flow Systems Mean for the Catchment Approach to Understanding E	WFE 2	**Session 1 B**	Monday	Skogis Kårhuset
Effect of climate and land use on changes in water quality in forested headwater catchments in Finland	Katri Rankinen	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 20	**Session 2 B**	Tuesday	Skogis Kårhuset
Modelling of the impact of climate and land use changes on total organic carbon loading to inland waters	Inese Huttunen	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 21	**Session 1 A**	Monday	Skogis Kårhuset
Surface Water Quality Responses to Felling and Forest Road Construction in a Managed Forested Catchment	Zane Kļaviņa	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 22	**Session 1 B**	Monday	Skogis Kårhuset
Assessing Sources of Carbon and Disinfection Byproduct Precursors in Watersheds Supplying New York City Drinking Water	Kevin Ryan	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 23	**Session 2 A**	Tuesday	Skogis Kårhuset
The effect of Arctic wildfires on catchment hydrology: A paired catchment analysis on permafrost catchments	Luis Jose Fernando	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 24	**Session 2 B**	Tuesday	Skogis Kårhuset
Senti'N: residual soil nitrogen storage combining subsurface drained area and French national hydrological databases	Julien TOURNEBIZE	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 25	**Session 1 A**	Monday	Skogis Kårhuset
Before the Flood: Managing Legacy Phosphorus in Former Agricultural Soils	Annemette Ballhorn Peterser	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 26	**Session 1 B**	Monday	Skogis Kårhuset
From Farmland to Wetland: Insights from 15 Years of Continuous Monitoring of the Reestablished Lake Fil	Emma Polauke	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 27	**Session 2 A**	Tuesday	Skogis Kårhuset
Land-Use Change Through Ditching and Afforestation Increases Iron Mobilization in a temperate mire	Emmy Nilsson	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 28	**Session 2 B**	Tuesday	Skogis Kårhuset
Climate Mitigation through Land-Use Policy: Integrated Assessment of GHG Reductions and Terrestrial Carbon Sequestration	Veronika Kronnäs	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 29	**Session 1 A**	Monday	Skogis Kårhuset
How does CH4 and N2O land-atmosphere exchange compare between polders and restored salt marshes at the Wadden Sea Coast?	Fay Lexmond	WFE 3. Biogeochemical Responses to Hydrological Extremes – Flood and Drought	WFE 3	**Session 2 A**	Tuesday	Skogis Kårhuset
Watershed Transport of Chronic Wasting Disease Prions	Diana Karwan	WFE 5. Land-Use Transformation as a Driver of Catchment Fluxes for Water, Nutrients, and Carbon	WFE 30	**Session 1 B**	Monday	Skogis Kårhuset
Buffering Mechanisms Underlying Variable Lag Times of Biogeochemical Process Rate Responses to Inundation	Terry Loecke	WFE 3. Biogeochemical Responses to Hydrological Extremes – Flood and Drought	WFE 4	**Session 2 B**	Tuesday	Skogis Kårhuset
Greenhouse Gas Emission from Flooded Depressions in Cropland: A Systematic Literature Review and Meta-Analysis	Po-Ting Pan	WFE 3. Biogeochemical Responses to Hydrological Extremes – Flood and Drought	WFE 5	**Session 1 A**	Monday	Skogis Kårhuset
Climate-Driven Hydrological Shifts in Červík Catchment (1954–2024)	Kateřina Neudertová Hellebra	WFE 3. Biogeochemical Responses to Hydrological Extremes – Flood and Drought	WFE 6	**Session 1 B**	Monday	Skogis Kårhuset
Recovering of soil organic matter and nitrogen pools in spruce mountain forest after bark beetle outbreaks	Bartłomiej Woś	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 8	**Session 2 B**	Tuesday	Skogis Kårhuset
Evolution of lead isotopic ratios in the soil-plant-air continuum after wildfires	Aubin Yettou	WFE 4. Insects, Wind and Fire: Disturbance Effects on Biogeochemistry	WFE 9	**Session 1 A**	Monday	Skogis Kårhuset