

ACCC IMPACT WEEK 2025 SCHEDULE

TIME	TUESDAY 22.4	WEDNESDAY 23.4	THURSDAY 24.4	FRIDAY 25.4
08:00-08:45	BREAKFAST – FOR REGISTERED	BREAKFAST – FOR REGISTERED	BREAKFAST – FOR REGISTERED	BREAKFAST – FOR REGISTERED
08:45-09:00	Opening words	Opening words	Opening words	Opening words
09:00-10:00	// PEEEX (Auditorium, hybrid)	09:00-10:00 PLENARY TALK Bishop Kaisamari Hintikka (Auditorium)	09:00-10:15 PLENARY TALK Prof. Tuukka Petäjä PANEL DISCUSSION (Auditorium)	09:00-10:45 PANEL DISCUSSION Climate change policies (Auditorium)
10:00-10:30	// PEEEX (Auditorium, hybrid) // Safer Climate (Restaurant)	// Sofia Forum (Auditorium) // Digital Twin (Valburga, hybrid)	COFFEE	
10:30-10:45	COFFEE	COFFEE	// ACCC RI (Valburga)	COFFEE
10:45-12:00	// PEEEX (Auditorium, hybrid) // Safer Climate (Restaurant)	// Sofia Forum (Auditorium) // Digital Twin (Valburga, hybrid)	// Indoor AQ (Auditorium, Restaurant)	// Carbon pricing (Auditorium, hybrid)
12:00-13:00	LUNCH	LUNCH	LUNCH	LUNCH + Business lunch SIAB Suomi, invited guests / plenary speakers
13:00-14:00	13:00-13:45 PLENARY TALK Acad. Markku Kulmala, INAR University of Helsinki (Auditorium)	13:00-13:45 PLENARY TALK Ottmar Edenhofer, Chair of the European Scientific Advisory Board on Climate Change (Auditorium)	// Fuels (Valburga) // Global South (Auditorium) // CoCarbon (Teresa, hybrid)	// Carbon pricing (Auditorium, hybrid) // Stakeholder influence (Valburga)
14:00-15:00	// Safer Climate (Restaurant) // Future Earth Finland (FES) (Auditorium) // Oceans and seas (Valburga)	// Climate University (Auditorium, hybrid) // GHG (Tekla, hybrid) // Insurance&CC (Marina) // Ilmastoviestintä (Valburga)	// Fuels (Valburga) // ForClimate (Auditorium, hybrid) // BoFF (Restaurant, hybrid)	// Carbon pricing (Auditorium, hybrid) // Stakeholder influence (Valburga)
15:00-15:15	COFFEE	COFFEE	COFFEE	COFFEE
15:15-16:00	// Safer Climate (Restaurant) // Future Earth Finland (FES) (Auditorium) // Oceans and seas (Valburga)	// Climate University (Auditorium, hybrid) // GHG (Tekla, hybrid) // Insurance&CC (Marina) // Ilmastoviestintä (Valburga) // Science Diplomacy (Teresa)	// ForClimate (Auditorium, hybrid) // BoFF (Restaurant, hybrid) // Erko (Teresa, hybrid)	
16:00-17:00	// Oceans and seas (Valburga) 16:30- Operaatio Arktis (Auditorium)	// Insurance&CC (Marina) // Opportunity to interview ACCC experts (Restaurant) 16:30- Ilmasto-2075 & Safety (Restaurant)	// ForClimate (Auditorium, hybrid) // Erko (Teresa, hybrid)	
17:00	DINNER including program Operaatio Arktis (Restaurant)	DINNER including program Ilmasto-2075 & Safety (Restaurant)	DINNER (Restaurant) // ACCC-SIAB (Auditorium, hybrid)	

PROGRAM

Tuesday 22.April

Plenary talk:

Academician Markku Kulmala at 13:00-13:45 (AUDITORIUM)

“Science Diplomacy”



PEEX SEMINAR at 09:00-14:00 *hybrid AUDITORIUM*

Schedule

Session I (09:00-09:20): General Information (20 min)

- 09:00-09:10 – Welcome, opening, on Grand Challenges, Markku Kulmala / Hanna Lappalainen
- 09:10-09:20 – PEEX Programme overview, Hanna Lappalainen / Alexander Mahura
- Session II-A (09:20-10:30): Welcome new Partners (70 min)
- 09:20-09:30 – Agricultural University of Iceland research and educational activities – by Pavla Dagsson-Waldhauserova, onsite (Agricultural University of Iceland (AUI), Hvanneyri, Iceland)
- 09:30-09:40 – Odessa Polytechnic National University research and educational activities – by Oleg Shablii, online, Odessa Polytechnic National University, Odessa, Ukraine
- 09:40-09:50 – Ukrainian Joint Meteorological and Hydrological Society: overview of activities – by Sergiy Stepanenko, online, Ukrainian Joint Meteorological and Hydrological Society (UHMS), Odessa, Ukraine
- 09:50-10:00 – University of Belgrade research and educational activities – Ana Vuković, online, University of Belgrade, Faculty of Agriculture (UoB), Belgrade, Serbia
- 10:00-10:10 – Istanbul Technical University research and educational activities – by Hüseyin Toros, online, Istanbul Technical University (ITU), Istanbul, Republic of Türkiye
- 10:10-10:20 – ARIANET research activities – by Sandro Finardi, online, ARIANET, Milan, Italy
- 10:20-10:30 – Charles University in Prague research and educational activities – by Tomas Halenka, online (tomas.halenka@mff.cuni.cz), Charles University in Prague (CUNI), Prague, Czech Republic

10:30-10:40 – Coffee/ Tea Break (10 min)

Session II-B (10:40-11:10): Welcome new Partners (30 min)

- 10:40-10:50 – Dalian University of Technology research and educational activities – by Yu Zhao, online, Dalian University of Technology (DUT), Dalian Liaoning, China
- 10:50-11:00 – Institute of Atmospheric and Oceanic Sciences research and educational activities - by Bo Yao, online, Department of Atmospheric and Oceanic Sciences, Fudan University, Shanghai, China
- 11:00-11:10 – Integrated Research on Disaster Risks International Center of Excellence research and educational activities – by Xu Tang, online, IRDR-ICoE-RIG-WECEIPHE, Fudan University, Shanghai, China

Session III (11:10-11:50): Invited presentations from PEEX Partners (40 min)

- 11:10-11:20 – COST Action PEEEX-EU-NEN-ReN “Pan-Eurasian EXperiment – Europe – Near Europe Neighbourhood countries Earth System Research Network” (17 countries, 31 partners; 4 yr; 600 KEu) – by Hanna K. Lappalainen & Alexander Mahura, onsite, University of Helsinki, Institute for Atmospheric and Earth System Research, Helsinki, Finland
- 11:20-11:30 – Interreg REOPEN “Next Generation Workforce – Empowering Young People for Improved Employment” (3 countries, 6 partners; 2.5 yr; 1.2 MEu) – by Sintija Lase, online, University of Latvia, Riga, Latvia
- 11:30-11:40 – PEEEX implementation plan for Shanghai MegaCity & Yangtze River Delta urban agglomeration – by Alexander Baklanov, online/onsite, University of Copenhagen, Denmark
- 11:40-11:50 – Erasmus+ CLUVEX concept, training of moderators and students as Climate Messengers – by Name Surname (e-mail), Affiliation, City, Country
- 11:50-12:00 – Wrap-up & Next Steps (10 min)
- 12:00 – End of the PEEEX Seminar
- 12:00-13:00 – Lunch (60 min) for onsite participants
- 13:00-14:00 – Plenary talk by Acad. Markku Kulmala on Grand Challenges & Science Diplomacy

BUILDING TRANSDISCIPLINARY COLLABORATION TOWARD A SAFER CLIMATE at 10:00-16:00

RESTAURANT

Schedule

10.00 – 12.00 Session 1: Science in the time of conflict and peace

Assessing the Effect of the War in Ukraine Using Satellite Data

Iolanda Ialongo

Senior research scientist, Earth Observation Unit Finnish Meteorological Institute

How to find solutions to increase the dialogue and participation of the Sámi people in the impact assessment phase?

In collaboration with Rauhanlähettiläsakatemia. PeaceLabs projects working group: Sara Vanhanen, Iida Pyykkö, Kide Rinne

Elina Mikola

Advisor, Climate and Environment

Amnesty Finland

12.00 - 13.00 Lunch and networking

13.00 - 14.00 Plenary by Prof. Markku Kulmala for all Impact Week Participants

14.00 – 16.00 Session two: What can history teach us about climate and security? Finding pathways for environmental science and action in oppressive systems

Hosted by Historians without Borders in Finland

Bradley Reynolds

Researcher, Political History, University of Helsinki

Board member, Historians without Borders in Finland

Elena Holmgren

Doctoral Researcher, Doctoral Programme in Political, Social and Regional Changes, University of Helsinki

Other speakers tbc

Short presentations will be followed by discussion in groups

THE CHANGING ROLE OF THE OCEANS AND THE SEAS IN THE CLIMATE CHANGE DISCUSSION at 14:00-16:30 VALBURGA

Schedule

14.00 Welcome & Opening words - Sami Paatero/Tommi Juusela

14.10 Oceans and Climate Change – Professor Alf Norkko, Professor of marine ecology, Academic leader of Tvärminne Marine Research Station, University of Helsinki

14.40 Baltic Sea as a test laboratory for climate impact – Dr. Anna Villnäs, Centre for Coastal Ecosystem and Climate Change Research (CoastClim), University of Helsinki
15.10 Break
15.30 Eutrophication in the Baltic Sea – Causes and Cures – Dr. Ulla Rosenström, John Nurminen Foundation
15.50 Tackling the climate challenge in the shipping industry – Case Neste – Sveta Rusanen, Head of Sales & Trading, Renewable Products, Neste
16.20 Commentary – Dr. Maria Laamanen, Senior Ministerial Adviser, Ministry of the Environment
16.30 Concluding words and wrap-up

FUTURE EARTH FINLAND (FES) at 14:00-16:00 AUDITORIUM

Schedule

14:00 Welcome, Introduction of FE-Finland Committee, Hanna Lappalainen, University of Helsinki
14:15 Opportunities offered by Future Earth (FE) to Finnish researchers through FE GRNs Judit Ungvari, Future Earth (remote)
14:30 Discussion on “how we can promote the active involvement of Finnish researchers in FE research networks “. Facilitator Jaana Halonen, THL
e.g reflections by FES members Hannele Korhonen Finnish Meteorological Institute Jarkko Levänen LUT University
Sirkku Juhola, University of Helsinki (remote)

15:00 Coffee break
15:20 “Finnish Network of Sustainability Science”
On the coordination and actors of Finnish sustainability research, Facilitator Jukka Käyhkö, University of Turku

- Supporting sustainability science at Higher Education Institutions - what do we learn from HELSUS? Vilma Sandstrom, HELSUS
- Sustainability Transformations Doctoral Education pilot, Meri Löyttyniemi and Arto Salonen (10 min)

16:00 End of the session

OPERAATIO ARKTIS' EVENT ON TIPPING POINT RISK MANAGEMENT AT 16:30-17:30 incl. dinner AUDITORIUM/RESTAURANT

Schedule

16:30-17:30
Seminar: Yulia Yamineva, John Moore, Ellen Haaslahti, Anton Keskinen

17:45-18:15 (during the dinner at 5.30-6.30 pm)
Discussion: Markku Kulmala and Ville Voipio, moderated by Viktor Jaakkola

Wednesday 23.April

Plenary talk: Bishop Kaisamari Hintikka,

09.00-10:00 (AUDITORIUM)

"Ylempi vai yhdenvertainen –
kristillinen käsitys luomakunnasta muutoksessa"



Plenary talk: Chair of the European Scientific

Advisory Board on Climate Change Ottmar Edenhofer,

13:00-14:00 (remote, AUDITORIUM)

"Scaling Up Carbon Dioxide Removals –
Recommendations for Navigating Opportunities and
Risks in the EU"



NÄKÖKULMIA IHMISEN JA LUONNON SUHTEeseen (Sofia Earth Forum) at 10:00-12:00 AUDITORIUM

Schedule

- 09:00 Plenary talk: Kaisamari Hintikka, Espoon piispa
- 10:00 Tervetuloa: Laura Riuttanen, Helsingin yliopisto ja Isä Ambrosius
- 10:10 Avauspuheenvuoro: Risto Saarinen, Helsingin yliopisto
- 10:25 Avauspuheenvuoro: Atte Korhola, Helsingin yliopisto
- 10:40 Avauspuheenvuoro: Jyri Komulainen, Kirkon tutkimuskeskus
- 10:55 Avauspuheenvuoro: Gabriel Salmela, Studium Catholicum
- 11:10 Paneelikeskustelu

CLIMATE DIGITAL TWIN: GLOBALLY CONSISTENT EARTH SYSTEM AND IMPACT SECTOR INFORMATION AT SCALES OF A FEW KILOMETERS at 10:00-12:00 hybrid VALBURGA

Schedule

- 10:00-10:45 1st part of the session
 - Welcome - Jenni Kontkanen, CSC
 - Overall status of the initiative DestinE – Sebastian Milinski ECMWF (remote)
 - Climate DT overview objectives, models and simulations - Theresa Kiszler, CSC
 - Break
- 10:45- 12:00 2nd part of session (speakers tbc)
 - On-Demand Weather-Induced Extremes Digital Twin – Niko Sokka, FMI
 - Off-shore wind power use case – Aleksi Nummelin, FMI
 - Wildfire use case – Joonas Kolstela, FMI
 - Harvester use case - Mikko Strahlendorf, FMI
 - Observation based verification – Lauri Tuppi, University of Helsinki

GREENHOUSE GASES REGULATORY ECOSYSTEM SERVICES IN CATCHMENTS at 14:00-16:00 hybrid TEKLA

Schedule

- 13:00 Plenary talk, Ottmar Edenhofer (Plenary talk)
- 14:05 Opening words, Jukka Pumpanen, UEF
- Presentations (max 10 min/ presentations + 5 min questions)
- 14:20 Developing concepts for large-scale modelling and evaluation of aquatic ecosystem services in forested landscapes, Martin Forsius, SYKE
- 14:35 Co-creating pathways to desirable nature futures of temperate lakes, Eerika Albrecht, SYKE
- 15:00 Coffee break

15:20	<i>Impacts of climate, N and P deposition and land use on water as a driver of the greenhouse gases regulatory ecosystem service in headwater catchments. SERVICO2, Lluís Camarero, CEAB-CSIC, Spain (remote)</i>
15:35	<i>Biogenic Volatile Organic Compound Emissions from Northern Rivers RIVERVOC, Jukka Pumpanen, UEF</i>
15:50	Joint discussion and possible follow-up
16:00	Closing the session

AKTUAARIYHDISTYS ILMASTOKOULUTUS at 14:00-16:30 MARINA

Schedule 14:00-16:30 including coffee break

- Summer Convective Weather Storm in Finland – Antti Mäkelä tai Terhi Laurila (IL)
- Kaupunkitulvat, Tom Kokkonen (HY)
- Ilmastoasiantuntijan erikoiskoulutus aktuaarin näkökulmasta, Toni Blomster (Finanssivalvonta)
- Innovations in Insurance in a changing Climate – real world examples: Toby Behrmann (Axa Climate) (remote presentation)
- Introduction to PIISA insurance pilots and the idea of piloting: Heikki Tuomenvirta (IL)

Science Diplomacy at 15:00-16:00 TERESA

Science Diplomacy in the ACCC – current state

Markku Kulmala, ACCC Director, INAR

Joint discussion and planning of future activities

EDUCATION FOR GREEN SKILLS (Climate University) at 14:00-16:00 hybrid AUDITORIUM

Schedule 13:00 Plenary talk: Ottmar Edenhofer

14:00 Panel discussion: Education for green skills

- Romain Boitard, European Training Foundation
- Mikko Vieltojärvi, Confederation of Finnish Industries
- Taina Ruuskanen, University of Helsinki
- Miika Marttila, LUT University
- moderated by Laura Riuttanen, University of Helsinki

15:15 Climate University Action Group meetings

More info on Climate University Action Groups: <https://www.climateuniversity.fi/how-to-collaborate/>

NÄKÖKULMIA VAIKUTTAVAAN ILMASTOVIESTINTÄÄN / PERSPECTIVES TO IMPACTFUL CLIMATE CHANGE COMMUNICATIONS at 14:00 -16:00 VALBURGA

Schedule

14:00 Tilaisuuden avaus, **Tero Siili & Kaisa Rynnänen**

- Ilmastoviestintää ihmismielelle, tutkija, tietokirjailija **Mira Hulkkonen**, Ilmatieteen laitos
- Ilmastoviestintää kaupunkilaisille, viestintäpäällikkö **Anu-Liisa Rönkä**, Lahden kaupunki
- Toimittajan näkökulma: HS Lasten uutisten ilmastojutut, esihenkilö **Fanny Fröman**, HS Lasten uutiset
- Ilmastoviestinnän haasteet ja mahdollisuudet sosiaalisessa mediassa, nuorten ilmastodelegaatti **Saara Böök**

15 min Kahvitauko

15.20 Keskustelua

16.00 Yhteenveto & tilaisuuden päätös

OPPORTUNITY TO INTERVIEW ACCC EXPERTS 16:00-16:30 RESTAURANT

The opportunity, among others, for journalists to interview ACCC flagship researchers and the flagship director, Academician Markku Kulmala

ILMASTO 2075 PANEELI JA ILLALLINEN 16.30- *Illallinen ja paneeli RESTAURANT*

Schedule

16.30	Buffet-päivällinen
17:00	Ilmasto, biodiversiteetti ja turvallisuus, akateemikko Markku Kulmala, ACCC
17.20	Muutama sana tulevaisuudesta, futuristi Elina Hiltunen, ACCC
17.40	Paneeli Ilmastonmuutos 2075 – miten ilmastonmuutos vaikuttaa yhteiskuntamme eri sektoreille tulevaisuudessa?
Puhujat:	Markku Kulmala, akateemikko, ACCC Elina Hiltunen, futuristi, ACCC
Panelistit:	Maaria Parry, Johtava ilmastoasiantuntija, ELY-keskusten valtakunnallinen ilmastoyksikkö Seija Parvinen, vanhempi ekonomisti, Suomen Pankki Emma Hakala, johtava tutkija, Ulkopoliittinen instituutti Reija Ruuhela, ilmastoasiantuntija, meteorologi, Ilmatieteen laitos Kerttu Kotakorpi, luontotoimittaja, tieto-kirjailija, meteorologi Pekka Moren, finanssineuvos, Valtiovarainministeriö ja Valtioneuvoston kanslia
18:20	Tilaisuus päättyy

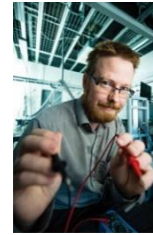
Thursday 24.April

Plenary talk by Prof. Tuukka Petäjä

“The new Air Quality Directive - opportunities and challenges“

Panel discussion: Indoor AQ Panel Discussion

09:00-10:15 (AUDITORIUM)



INDOOR AIR AND ENERGY EFFICIENCY – DO WE KNOW WHAT WE DON'T KNOW? at 09:00-12:00
AUDITORIUM

Schedule

08:00-08:45 Breakfast is served to those who have registered for breakfast

Auditorio 9-10:10

9.00 Tervetuloa!

9.05 **The new outdoor Air Quality Directive - opportunities and challenges. Prof. Tuukka Petäjä**

9.25 – 10:10 Sisäympäristön ja energiatehokkuuden parissa lavalla paneelin kaltaisesti: **Heidi Salonen (Aalto), Vesa Pekkola (sosiaali-ja terveysministeriö), Pekka Vuorinen (Rakennusteollisuus RT), Miia Pitkäranta (AFRY), Jukka Vasara (Granlund) ja Tuukka Petäjä (ACCC)**

Ruokala 10:15-11:05

Työpajat pienryhmissä. Tarjolla kahvia ja teetä.

Pienryhmät ja niiden vetäjät:

- **Ilmanvaihto ja sisäilman epäpuhtaudet** - Miten ilmanvaihto vaikuttaa epäpuhtauksien pitoisuuksiin ja leviämiseen sisätiloissa? **Niko Siilin, VTT**
- **M1-luokitellut, vähäpäästöiset tuotteet** – käyttöolosuhteiden rooli nyt ja tulevaisuudessa. **Hanna Leppänen, Rakennustieto**
- **Emissiot ja altisteet, ja luonnonmateriaalien rooli.** **Pertti Pasanen, Itä-Suomen yliopisto**
- **Sisäilman epäpuhtauksien mittaaminen ja suodattaminen**, ja kokemuksia **GIANT** projektista. **Topi Rönkkö, Tampereen yliopisto**

Topics for a group working in English are to be announced later

Auditorio 11:15 - 12:00

Yhdistämme voimamme panelistien, yleisön asiantuntijoiden ja työryhmien kanssa, ja maalaamme kuvan siitä, miten hyvä sisäilma ja sisäympäristö varmistetaan energiatehokkaassa tulevaisuudessa. Mukana meitä haastamassa **Ilkka Salo Talteka ry:stä** ja **futuristi Elina Hiltunen**. Erityisvieraana myös ACCC:n johtaja **Markku Kulmala**.

12-13 Lounas tarjoillaan ruokalassa – olethan muistanut ilmoittautua syöjäksi

Tilaisuuden moderoi Minna Väkevä. lisätietoja: minna.vakeva@innoa.fi

ACCC RESEARCH INFRASTRUCTURES at 10:30-12:00 VALBURGA

Schedule

10:15 Coffee

10:30 Start of the session – Welcome

10:35 Opening words, Erja Heikkinen, *Ministry of Education and Culture*, Merja Särkioja, *Research Council of Finland*

10:50 Short comments/presentations from environmental RI representatives

- **ACTRIS ERIC (Eija Juurola): Environmental RIs, the ACTRIS perspective – benefits to the scientific community and beyond**
- **ICOS ERIC (Emmanuel Salmon): The ERIC Trilogue: A new platform for collaboration?**
- **eLTER (Jaana Bäck): Fostering interoperability in ecological and socio-ecology research: The role of eLTER infrastructure**

- *AnaEE (Jutta Kauppi): Collaboration and growing impact together- Connectivity of experimental RI's with nature-based risks*

11:20 Panel discussion

11:50 Concluding words and wrap-up

12:00 Session closes

Global South at 13:00-14:00 AUDITORIUM

Schedule

Introduction to Global South collaboration within ACCC & the World Academy of Sciences (TWAS) collaboration, Markku Kulmala, ACCC Director, INAR

A brief overview on ongoing activities

Results of the survey and discussion: defining next steps together, Rosa Rantanen, Research Coordinator, INAR

CO-CARBON project: Recent findings on urban carbon cycle and sinks at 13:00-14:00 hybrid TERESA

Schedule

13:00 Leena Järvi, University of Helsinki: Overview of the CO-CARBON project

13:10 Quantifying city-wide CO₂ sinks using urban land surface modelling, Minttu Havu, University of Helsinki

13:25 Unveiling Landscape Life Cycle Assessment: towards holistic understanding of carbon flows in urban green spaces, Caroline Moinel, Aalto University

13:40 Biogenic Carbon sequestration in cities: applying scalable, cost-effective and science-based models to support services and end-users, Liisa Kulmala, Finnish Meteorological Institute

14:00 Session closes

CLEAN TRANSPORT WITH NEW FUELS AND TECHNOLOGIES at 13:00-15:00 VALBURGA

Schedule

13:00 **Topi Rönkkö & Miikka Dal Maso:** Introduction

13:05 **Päivi Aakko-Saksa:** PAREMPI - Particle emission prevention and impact: from real-world emissions of traffic to secondary PM of urban air

13:25 **Olli Sippula:** LowC - Safe and sustainable low-carbon fuels for heavy-duty, aviation, and maritime sectors

13:35 **Kati Lehtoranta:** Green Ray - New Generation marine engines and retrofit solutions to achieve methane abatement flexibility

13:55 **Ismael Ortega:** UNIC - Understanding non-CO₂ Impact for decarbonized aviation

14:15 **Miikka Dal Maso:** REALCHEM - Real-world emission experiments and comprehensive assessment of low-carbon fuels: towards clean hard-to-electrify transport modes

14:30 **Discussion:** Exploring collaboration actions for projects researching clean and climate-friendly transport

15:00 Coffee

CLIMATE AND AIR QUALITY IMPACTS OF BOREAL FOREST FIRES (BoFF) at 14:00-16:00 hybrid RESTAURANT

Schedule

14:00 Welcome, opening words

- Annele Virtanen, UEF: "Introduction to the "Climate and Air Quality Impacts of Boreal Forest Fires" -project"

14:10 Short comments/presentations from BOFF (*max 10 min/presentation*)

- Aurora Prättälä, Metsähallitus: "Restoration burns – what and why"

- Iida Pullinen, UEF: “Into the Fire – field measurements of forest fire emissions”
- Kajar Köster, UEF: “ From flames to flow - the effect of prescribed fires on biogeochemical processes”
- Tero Mielonen, FMI: “ Wildfire emissions in climate models”
- Olli Sippula, UEF: “Laboratory measurements: an efficient tool for characterizing wildfire emissions”

15:00-15:15 *Coffee break*

15:15 Joint/panel discussion (how to increase the impact and reach a wider audience)

15:50 Concluding words and wrap-up

MANAGING FORESTS FOR CLIMATE CHANGE MITIGATION: ForClimate -project final seminar at 14:00-17:00 hybrid AUDITORIUM

Schedule

14:00 Anna Lintunen: Managing Forests for Climate Change Mitigation

14:10 Ivan Mammarella: Thinning turned boreal forest to a temporary carbon source - short term effects of partial harvest on carbon dioxide fluxes

14:20 Helena Rautakoski: Continuous cover forestry in nutrient-rich peatland forest: Effects of selection harvesting on forest CO₂ balance

14:30 Gonzalo de Quesada: Thinning Effects on Forest Carbon Balance Across Mineral and Peatland Soils: Evaluating the Carbon Budget with Biometrics and Soil Chambers

14:40 Otso Peräkylä: Differences in absorbed sunlight between forest and open peatland sites caused by snowmelt timing

14:50 Ekaterina Ezhova: Linking forests and clouds: organic aerosol enhances forest photosynthesis under cloudy sky

15:00 *Coffee break*

15:15 Markku Kulmala: Comprehensive climate impacts of forests

15:25 Piaopiao Ke: Potential of carbon uptake and local aerosol production in boreal and hemi-boreal ecosystems across Finland and in Estonia

15:35 Topi Laanti: Explainable AI for modeling boreal forest carbon exchange

15:45 Daesung Lee: MOTTI model portfolio enhancements: tackling contemporary forest growth issues in Finland

15:55 Ritika Srinet: Bayesian calibration of process-based model PREBAS using multi-source data

16:05 Jari Hynynen: Motti C+, new modelling tool to support adaptation of forest management to changing climate

16:15 Panel discussion on the future possibilities related to the climate impacts of forests.

Panelists: Annalea Lohila (Finnish meteorological institute, chair), Markku Kulmala (University of Helsinki), Jari Hynynen (Luke), Martin Forsius (SYKE), Karoliina Niemi (Metsäteollisuus ry), Anssi Kainulainen (MTK) and Kalle Eerikäinen (Metsähallitus).

HY ERKO ETÄLUENTO at 15:00-17:00 hybrid TERESA

Schedule

15:00 Aloitus

Kaksi toimialakohtaista ilmastotyön esittelyä ja asiantuntijanäkökulmaa

17:00 Lopetus

ACCC SCIENCE AND IMPACT ADVISORY BOARD (SIAB) MEETING at 17:00-18:00 hybrid AUDITORIUM, closed meeting

Friday 25.4

Panel discussion 09:00-10:45

IMPACT AND EFFECTIVENESS OF POLICIES AND MEASURES TO COMBAT CLIMATE CHANGE at 09:00-10:45 AUDITORIUM

Schedule

- 09:00 Introduction: Economic instruments, compulsory norms and voluntary measures to curb climate change, Matti Vainio, University of Helsinki
- 9:15 Household-level responses to fossil fuel pricing, Prof. Lassi Ahlvik, University of Helsinki
- 9:30 Emissions trading as a steering tool for climate policy, Eleonoora Eilittilä, Ministry of Economic Affairs and Employment
- 9:45 Economics of policy measures in increasing forestry carbon sinks, Olli Tahvonen, University of Helsinki
- 10:00 Panel discussion with Q & A
- 10:30 Conclusions
- 10:45 Close of session

SCIENTIFIC CLIMATE IMPACT DATA FOR EFFICIENT CARBON PRICING at 11:00-15:00 hybrid AUDITORIUM

Schedule

- 11:00 Welcome words from Sari Multala, Minister of Climate and the Environment, Finland (by video)
- 11:10 Climate Impact in Global Economic Policy Context, Financial Counsellor Pekka Morén, Ministry of Finance / Prime Minister's Office, Finland
- 11:30 Carbon pricing – importance of industry standards, CEO Tuuli Kaskinen, Climate Leadership Coalition (CLC)
- 11:50 Investment Sector Approach, Vice Chairman, Banking & Public Sector Jay Collins, Citi
- 12:15 Lunch
- 13:00 Research Infrastructures and Available Atmospheric Data from the ACCC, Professor Tuukka Petäjä, University of Helsinki, ACCC
- 13:30 Data to Drive Climate Action – Current Efforts by the New York Climate Exchange, CEO Dr. Stephen Hammer
- 14:00 Panel Discussion: Climate impact in business environment - from compliance to scalable added value
Financial Counsellor Pekka Morén, Ministry of Finance / Prime Minister's Office, Finland
CEO Tuuli Kaskinen, Climate Leadership Council (CLC)
Professor Tuukka Petäjä, University of Helsinki, ACCC
- 14:45 Wrap-up of the afternoon and ACCC impact week by Markku Kulmala
- 15:15 Coffee

HOW CAN STAKEHOLDERS, ESP. SCIENTISTS, PARTICIPATE IN AND INFLUENCE CLIMATE POLICYMAKING? at 13:00-15:00 VALBURGA

Schedule

- On the influencer-role of scientific climate panels, Katri Varis, Doctoral Researcher, UEF
- On science and participation: the case of Finnish Climate Act and climate litigation case II, Otto Bruun, Doctoral Researcher, UEF
- Preparation of voluntary carbon offsetting as an example of the science and stakeholder on climate policy making; Sara Tolonen, Doctoral Researcher, UEF
- The new Sami Climate Council: Re-thinking the role of science and participation in Finnish climate policymaking, senior Lecturer Tuula Honkonen, UEF
- Invited comment talks:
 - Niko Humalisto, Leading Advocacy Specialist, Finnish Evangelical Lutheran Mission (FELM) and Docent on social geography, UEF

- Laura Höijer, Research Director, Ministry of the Environment
- Kementti Näkkiläjärvi, Chair of the Saami Climate Council

15:00 Coffee at the Restaurant