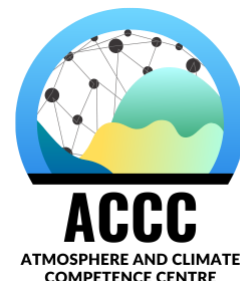




Pan-Eurasian Experiment

PEEX

INAR
INSTITUTE FOR ATMOSPHERIC AND
EARTH SYSTEM RESEARCH



ACCC
ATMOSPHERE AND CLIMATE
COMPETENCE CENTRE

**PEEX Seminar co-organized with TWAS (hybrid : onsite/online)
at the ACCC Impact Week (14 April 2026)**

Date: Tuesday, 14 April 2026
Time: 10:30-12:00 & 13:00-14:00 of Helsinki time

Organizers: Hanna K. Lappalainen hanna.k.lappalainen(at)helsinki.fi
Alexander Mahura alexander.mahura(at)helsinki.fi
Tuukka Petäjä tuukka.helsinki(at)helsinki.fi
Markku Kulmala markku.kulmala(at)helsinki.fi

The seminar main aims are:

- (1) to share results of research and educational activities at PEEEX partner universities/ organizations
- (2) to discuss future collaboration in a frame of climate change, air quality and environmental research as well as research infrastructures
- (3) to discuss PEEEX COST Action proposal improvements
- (4) ACP special issue: <https://peexhq.home.blog/2026/01/07/peex-special-issue-in-acp>

Schedule of the PEEEX hybrid seminar on 14 April 2026:

10:30 Session I: Welcome & Opening words, PEEEX program overview
10:50 Session II-A: Invited presentations (TWAS, UNEP)
11:20 *Coffee/ Tea Break (5 min)*
11:25 Session II-A: Invited presentations / RI-URBANS, CRiceS, FOCI
12:10 *Lunch (for onsite participants)*
13:00 Session II-B: Invited presentations / China collaboration, ERASMUS+ educational projects, PEEEX COST Action proposal)
13:45 Wrap-up & Discussion & Next Steps
14:00 End of the PEEEX seminar

10:30-10:50 - Session I: General Information (20 min)

(chaired by Hanna K. Lappalainen, Alexander Mahura)

10:30-10:50 – Welcome words, Grand Challenges - PEEEX Programme overview – by Markku Kulmala, onsite, ([markku.kulmala\(at\)helsinki.fi](mailto:markku.kulmala(at)helsinki.fi)), University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR), Helsinki, Finland
PR1

10:50-12:10 - Session II-A: Invited presentations (80 min)

(chaired by Markku Kulmala)

10:50-11:05 – Building Scientific Capacity in the Global South for Climate Justice – by Max Paoli, onsite, ([mpaoli\(at\)twas.org](mailto:mpaoli(at)twas.org)), The World Academy of Sciences - UNESCO, The World Academy of Science (TWAS)
PR2

11:05-11:20 – Eye on Methane: From Measurement to Momentum– by Xuefei Li, onsite, ([xuefei.li\(at\)un.org](mailto:xuefei.li(at)un.org) / [xuefei.z.li\(at\)helsinki.fi](mailto:xuefei.z.li(at)helsinki.fi)), Agriculture Sector Lead, UNEP's International Meth-ane Emissions Observatory
PR3

11:20-11:25 – **Coffee/ Tea Break (5 min)**

11:25-11:40 – Summary of recently completed RI-URBANS project on observational/ measurement activities – by *Xavier Querol*, online, (xavier.querol@idaea.csic.es), Spanish National Research Council (CSIC), Barcelona, Spain
PR4

11:40-11:55 – Summary of recently completed CRiceS project on modelling activities – by *Risto Makkonen*, onsite, (risto.makkonen@fmi.fi), Finnish Meteorological Institute (FMI), Helsinki, Finland
PR5

11:55-12:10 – Summary of ongoing FOCI project – by *Tomas Halenka*, online, (tomas.halenka@mff.cuni.cz), Charles University (CUNI), Prague, Czech Republic
PR6

12:10-13:00 – **Lunch (about 1 hour) for onsite participants**

13:00-14:00 - Session II-B: Invited presentations (60 min)
(chaired by *Hanna K. Lappalainen*, *Alexander Mahura*)

13:00-13:15 – Overview on recent research at Fudan University for the PEEEX domain – by *Bo Yao*, online (yaobo@fudan.edu.cn), Department of Atmospheric and Oceanic Sciences, Fudan University, Shanghai, China
PR7

13:15-13:25 – Educational activities in Erasmus+ CLUVEX/ UnaVEx/ ClimEd projects – virtual exchanges/ trainings for Climate Messengers, Climate Advocates, Climate Experts – by *Alexander Mahura*, onsite (alexander.mahura@helsinki.fi) University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR), Helsinki, Finland
PR8a

13:25-13:30 – ClimEd - Building capacity for climate services in Ukraine – by *Svyatoslav Tyuryakov*, onsite, (svyatoslav.tyuryakov@helsinki.fi), University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR), Helsinki, Finland
PR8b

13:30-13:45 – COST Action PEEEX-EU-NEN-ReN “Pan-Eurasian EXperiment – Europe – Near Europe Neighbourhood countries Earth System Research Network” – by *Hanna K. Lappalainen* & *Alexander Mahura*, onsite, (hanna.k.lappalainen@helsinki.fi) & (alexander.mahura@helsinki.fi), University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR), Helsinki, Finland
PR9

13:45-14:00 – **Wrap-up & Discussions & Next Steps (15 min)**

14:00 – End of the PEEEX Seminar

**Plenary Talk by Academician Markku Kulmala
(hybrid : onsite/online) at the ACCC Impact Week (15 April 2026)**

Date Wednesday, 15 April 2026
Time: 09:00-10:10 of Helsinki time

09:15-10:10 – Global environmental grand challenges (EGCs) and the need of comprehensive open data with proper metadata and open science to meet the EGCs – by *Markku Kulmala, onsite, ([markku.kulmala\(at\)helsinki.fi](mailto:markku.kulmala(at)helsinki.fi)), University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR), Helsinki, Finland*