



Pan-Eurasian Experiment

PEEX

INAR
INSTITUTE FOR ATMOSPHERIC AND
EARTH SYSTEM RESEARCH



PEEX (Pan-Eurasian EXperiment programme) Online Seminar

Date: 1 April 2026, Wednesday

Time: 10:50 am – 15:30 pm of Helsinki time (09:50 am – 14:30 pm of CET time)

Organizers: Hanna K. Lappalainen hanna.k.lappalainen(at)helsinki.fi
Alexander Mahura alexander.mahura(at)helsinki.fi
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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 online seminar on 1 April 2026:

- 11:00-11:15 - Welcome and Short Introductory to PEEEX
- 11:15-12:30 - Session I: Introduction of newly joined Partners/Organizations
- 12:30-12:45 - coffee/ tea break (15 minutes)
- 12:45-14:15 - Session II: Introduction of newly joined Partners/Organizations
- 14:15-14:30 - coffee/ tea break (15 minutes)
- 14:30-15:00 - Session III: Introduction of newly joined Partners/Organizations (continued)
- 15:00-15:30 - Wrap-up, next steps, discussions on the PEEEX COST Action proposal

- **11:00 (P01)** – Welcome and Short Introductory to PEEEX - by *Hanna K. Lappalainen* ([hanna.k.lappalainen\(at\)helsinki.fi](mailto:hanna.k.lappalainen(at)helsinki.fi)), *University of Helsinki, Institute for atmospheric and Earth System Research (UHEL-INAR)*
- 11:15-12:30 - Session I: Introduction of newly joined Partners/Organizations**
(chaired by *Hanna K. Lappalainen, Alexander Mahura*)
- **11:15 (P02)** – Institute of Ionosphere research and educational activities – by *Alena Yelisseeva* ([yelisseyevaa\(at\)ionos.kz](mailto:yelisseyevaa(at)ionos.kz)) & *Tatiana Dedova* ([dedova\(at\)ionos.kz](mailto:dedova(at)ionos.kz)), *Institute of Ionosphere, Kazakhstan Academy of Sciences (IoI KAS), Kazakhstan*
- **11:30 (P03)** – Research and educational activities at the Department of Atmospheric Physics at CUNI – by *Tomas Halenka* ([tomas.halenka\(at\)mff.cuni.cz](mailto:tomas.halenka(at)mff.cuni.cz)), *Charles University in Prague (CUNI), Czech Republic*
- **11:45 (P04)** – Urban Climate Risks in Northern Cities: Research and Educational Activities at NERSC – by *Victoria Miles* ([victoria.miles\(at\)nersc.no](mailto:victoria.miles(at)nersc.no)), *Nansen Environmental and Remote Sensing Center (NERSC), Norway*
- **12:00 (P05)** – Research and Education in the field of Earth and Environmental Sciences at the O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine – by *Yuri Vergeles* ([yuriy.vergeles\(at\)kname.edu.ua](mailto:yuriy.vergeles(at)kname.edu.ua)), *O.M. Beketov National University of Urban Economy in Kharkiv (NUUEK), Ukraine*
- **12:15 (P06)** – Complexity Science Meets Earth System – by *Jingfang Fan* ([jingfang\(at\)bnu.edu.cn](mailto:jingfang(at)bnu.edu.cn)), *School of Systems Science, Beijing Normal University University (BNU), China*

12:30-12:45 - coffee/ tea break (15 minutes)

12:45-14:15 - Session II: Introduction of newly joined Partners/Organizations

(chaired by Hanna K. Lappalainen, Alexander Mahura)

- **12:45 (P07)** – On Recent Advancements in Atmospheric and Air Quality Monitoring – *by Tuukka Petaja ([tuukka.petaja\(at\)helsinki.fi](mailto:tuukka.petaja(at)helsinki.fi)), University of Helsinki, Institute for Atmospheric and Earth System Research (UH-INAR), Finland*
- **13:00 (P08)** – On the gap of science policy for air quality: Environmental Geochemistry and Atmospheric Research, IDAEA-CSIC – *by Xavier Querol ([xavier.querol\(at\)idaea.csic.es](mailto:xavier.querol(at)idaea.csic.es)), Spanish National Research Council (CSIC), Spain*
- **13:15 (P09)** – Towards interactive carbon cycle in ICON Earth System Model – *by Georgii Nerobelov ([gnero\(at\)bgc-jena.mpg.de](mailto:gnero(at)bgc-jena.mpg.de)), Max-Planck Institute for Biogeochemistry (MPI-BioGeoChem), Germany*
- **13:30 (P10)** – Research and knowledge transfer activities at FiBL – *by Tetiana Grabovska ([tetiana.grabovska\(at\)fibl.org](mailto:tetiana.grabovska(at)fibl.org)), Research Institute of Organic Agriculture (FiBL), Switzerland*
- **13:45 (P11)** – Synthesis of the Horizon Projects implemented at MeteoRomania – *by Sorin Cheval ([sorin.cheval\(at\)meteoromania.ro](mailto:sorin.cheval(at)meteoromania.ro)), National Meteorological Administration (NMA-Romania), Romania*
- **14:00 (P12)** – Mission and projects of the Climate, Atmosphere and Water Research Institute at Bulgarian Academy of Sciences – *by Ekaterina Batchvarova ([Ekaterina.Batchvarova\(at\)cu.bas.bg](mailto:Ekaterina.Batchvarova(at)cu.bas.bg)), Climate, Atmosphere and Water Research Institute - Bulgarian Academy of Sciences (CAWRI-BAS), Bulgaria*

14:15-14:30 - coffee/ tea break (15 minutes)

14:30-15:00 - Session III: Introduction of newly joined Partners/Organizations (continued)

(chaired by Hanna K. Lappalainen, Alexander Mahura)

- **14:30 (P13)** – What is going on in applied mathematics in Saarland? – *by Andreas Rupp ([andreas\(at\)rupp.ink](mailto:andreas(at)rupp.ink)), Saarland University (UdS), Germany*
- **14:45 (P14)** – Air Quality Modelling at AUTH/SEL – *by George Tsegas ([gtsegas\(at\)auth.gr](mailto:gtsegas(at)auth.gr)), Aristotle University of Thessaloniki (AUTH), Greece*

15:00-15:30 - Discussions on the PEEEX COST Action proposal & Wrap-up