

# PEEX collaboration virtual-zoom-meeting



## INEP (Institute of Industrial Ecology Problems in the North, Kola Science Center, RAS) & UHEL-INAR (University of Helsinki, Institute for Atmospheric and Earth System Research)

Helsinki / Apatity, 12 November 2020, Thursday, 13-17+ pm

Agenda of the virtual-zoom-meeting (hosted by Univ Helsinki)

### 13:00 – INEP-KSC presentations on research topics

- INEP structure and main activities – Vladimir Masloboev
- Terrestrial ecosystems studies – Eugene Borovichev
- Euro-Arctic freshwater studies – new challenges and solutions – Dmitri Denisov
- Ecology of microorganisms – directions for research collaboration – Maria Kornejkova
- Decrease the environmental hazard of mining waste and ecofriendly technology development – Dmitri Makarov
- INEP socio-economic studies – Elena Klyuchnikova
- INEP modelling approaches – Vladimir Masloboev
- Educational approaches and science promotion – Eugene Borovichev

*Short coffee/ tea break*

### 14:30 – UHEL-INAR presentations on research topics

- PEEX program, science plan and collaboration – Hanna K. Lappalainen
- Earth system and climate modeling – Risto Makkonen
- SMEAR (Station for Measuring Ecosystem - Atmosphere Relation) concept and measurements – Tuukka Petaja
- Online integrated meteorology-chemistry-aerosols regional/subregional/urban scale modelling – Alexander Mahura
- Process-based fine scale modelling for meteorology-chemistry-aerosol system – Michael Boy
- Science-oriented university education at INAR – Katja Lauri
- Observing the forest ecosystems: links between climate change, biodiversity and human activities – Jaana Back

*Short coffee/ tea break*

### 16:00 – 17:00 pm – Discussions

(moderated by Katja Lauri/ Alexander Mahura, UHEL & Elena Klyuchnikova/ Vladimir Masloboev, INEP)

*Summary notes are available in a separate file /  
zoom-meeting attended - 26 participants*

### List of participants:

- Vladimir Masloboev
- Dmitrii Makarov
- Anton Svetlov
- Dmitrii Denisov
- Fidel Pankratov
- Pavel Amosov
- Vladimir Dauvalter
- Hanna K. Lappalainen
- Tuukka Petäjä
- Risto Makkonen
- Alexander Mahura
- Michael Boy
- Katja Lauri
- Andrei Goryachev
- Regina Shalygina
- Vera Red'kina
- Zakhar Slukovskij
- Elena Yanishevskaya
- Elena Zubova
- Eugene Borovichev
- Maria Kornejkova
- Lydmila Isaeva
- Elena Klyuchnikova
- Olga Petrova
- Pavel Konstantinov
- Maria Tselishcheva