



Pan-Eurasian Experiment

PEEX

# The 1<sup>st</sup> Pan-Eurasian Experiment (PEEX)

## Science Conference & The 5<sup>th</sup> PEEX Meeting

Helsinki, Finland 10-13 February 2015

### 1<sup>st</sup> PEEX Science Conference & 5<sup>th</sup> PEEX Meeting

*is open for all scientists interested in research on grand challenges and climate change*

The goal of the 1st PEEX Science Conference is to bring professional and scientific experts together under research themes relate to atmosphere – land ecosystems – aquatic - anthropogenic activities – Northern societies in the Northern Pan-Eurasian region.

The 5th PEEX Meeting is aimed is take the next steps for PEEX implementation. The PEEX vision includes establishing and maintaining long-term, coherent and coordinated research activities and research and educational infrastructures across the PEEX domain.

<https://www.atm.helsinki.fi/peex/>

**1st PEEX Science Conference will focus on grand challenges in the Arctic – boreal region including**

- Shifting vegetation zones and Arctic greening
- Permafrost and consequences of permafrost thawing
- Structural changes in the ecosystems
- Atmospheric composition and chemistry
- Urban air quality and megacities
- Planetary boundary layer in the changing climate
- Weather and atmospheric circulation
- Role of the Arctic Ocean in the climate system
- The Arctic maritime environments
- Lakes, wetlands and large river systems in Siberian region
- Anthropogenic impacts on atmosphere and on ecosystems
- Natural hazards
- Social transformations and climate change
- Biogeochemical cycles

**The 5<sup>th</sup> PEEX Meeting will address**

- (i) Coherent, coordinated Pan-Eurasian in-situ observation network incl. satellite observations and coordinated data systems
- (ii) PEEX Modelling platform
- (iii) International collaboration (ESFRI; GEOSS; SAON)
- (iv) PEEX training and education activities
- (v) Funding opportunities

Conference fee is 180 Euro, incl. e-proceedings, coffee, lunch, conference dinner, welcome reception and local bus transportation.

### KEY DATES OF THE CONFERENCE

REGISTRATION OPENS	September 2014
ABSTRACT SUBMISSION DEADLINE	15 November 2014
NOTICE ON ABSTRACT ACCEPTANCE	30 November 2014
REGISTRATION & FEE PAYMENT DEADLINE	15 January 2015
CONFERENCE & MEETING DATES	10-13 February 2015

### CONTACTS

**PEEX Preparatory Phase Committee Representatives:** Academy Prof. Markku Kulmala, Prof. Sergej Zilitinkevich Director Yrjö Viisanen, Academician Vladimir Kotlyakov, Prof. Nikolay Kasimov, Prof. Valeriy Bondur, Prof. Gennady Matvienko, Prof. Guo Huadong, Prof. Li Chongyin, Prof. Alexander Baklanov

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