



Pan-Eurasian Experiment

PEEX

The 2nd Pan-Eurasian Experiment (PEEX) Science Conference Overview

The Conference is part of the series of CRAICC-PEEX Workshops funded by Nordforsk and continuation of the series of PEEEX meetings being

the 6th PEEEX Meeting



The 2nd PEEEX conference was held on 18-20th June.2016 in the Beijing International Convention Center (BICC), Beijing, China. The conference was hosted by the Institute of Remote Sensing and Digital Earth (RADI). The conference gathered altogether 185 registered participants from 15 countries.

The 2nd PEEEX conference themes include global scale feedbacks and interactions, air quality issues, anthropogenic emissions, big data, development of coherent, coordinated, comprehensive research infrastructures, knowledge transfer and international collaboration. A wide variety of disciplines is covered within the PEEEX conference. Altogether 174 multidisciplinary conference abstracts were submitted of 65 were represented as orals. During the conference we organized two specific sessions as a part of the Nordforsk CRAICC-PEEX series of workshops. R. Davy “Surface air temperature changes in the high-latitude boundary layer” and Lijuan SHI: Satellite-based snow cover and climatology analysis over Center Asia and Xinjian province, China were nominated as a best oral presentations of the conference and Nina Saarnela et al. “Arctic aerosols and particle formation in Northern Greenland” and Wei Zhang: A catchment model coupling the cycling processes of water, carbon and nitrogen: attemps of establishment and validation were selected as best poster presentations. All the conference presentations are available from the PEEEX intranet (<https://www.atm.helsinki.fi/peex/index.php>)

All the submitted abstracts were published in Report Series of the Finnish Association for Aerosol Research (FAAR): Proceedings of the 2nd Pan-Eurasian Experiment (PEEX)



Conference and the 6th PEEEX Meeting, Editors: Hanna K. Lappalainen, Alla Borisova, Dong Liang, Joonas Enroth and Markku Kulmala (2016) (<http://www.atm.helsinki.fi/FAAR/reportseries/rs-180.pdf>). In order to expand the impact of the scientific results introduced during the PEEEX conference we recommend the participants to submit full papers in the PEEEX Special Issue in Atmospheric Chemistry and Physics (ACP) journal (http://www.atmos-chem-phys.net/special_issue395.html, impact factor 5.5, no fixed dl for PEEEX special issue). The PEEEX Special has been opened in ACP with the themes of climate change, air quality, biodiversity loss, chemicalization, food supply, fresh water and the use of natural resources through mining, industry, energy production and transport. The Editors in the special issue consists of an international, multidisciplinary team of V.-M. Kerminen, M. Heimann, D. Spracklen, T. Laurila, A. Ding, and I. Salma. By publishing your scientific results in the PEEEX Special issue your work will be part of the periodic PEEEX Scientific Assessment and contributing the implementation of the PEEEX Science Plan.

We also recommend PEEEX labeled papers to be published in International Journal of Digital Earth or in J. Geography, Environment, Sustainability. If not published in ACP-PEEX Special issue it is important to indicate acknowledgements PEEEX-Program (for example; “*This work contributes to the Pan-Eurasian Experiment (PEEX) Program research agenda*”) and send a pdf copy of the published paper to the PEEEX-HQ-Helsinki (peex-hq@Helsinki.fi and/or hanna.k.lappalainen@helsinki.fi, tuukka.petaja@helsinki.fi). It is also noted that the same paper can be linked to several special issues, which maximizes the visibility of the scientific results.

The next PEEEX Conference (on a “3-day meeting, Tue -Wed- Thu” -basis) will take place in Moscow, Russia in September 2017. Exact dates will be fixed and announced in the near future.

More information about PEEEX is available: <https://www.atm.helsinki.fi/peex/>

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PEEX Program Secretary General



Fig. Conference Chairs: Academician H. Guo, Academician V. Bondur and Prof. M.



Kulmala

Chair of Organization Committee Academician H. Guo,

Chairs of Science Committee Academician V. Bondur & Academy Prof. M. Kulmala

Science Committee

Prof. A. Baklanov, Prof. T. Petäjä, Prof. WANG Changlin, Prof. XUE Yong, Prof. ZHANG Jiahua and Prof. S. Zilitinkevich

Organization Committee:

Dr. QIU Yubao, Mr. LIANG Dong, Ms. LIU Jie, Dr. Joni Kujansuu, Ms. Alla Borisova, Ms. Alexandra Tushnova and Dr. Pavel Konstantinov