

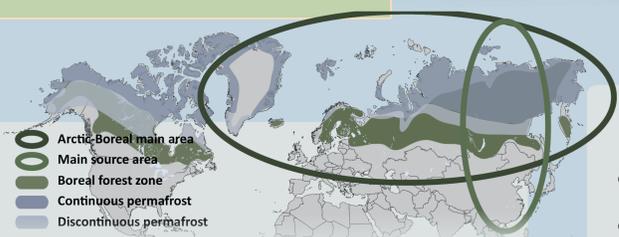
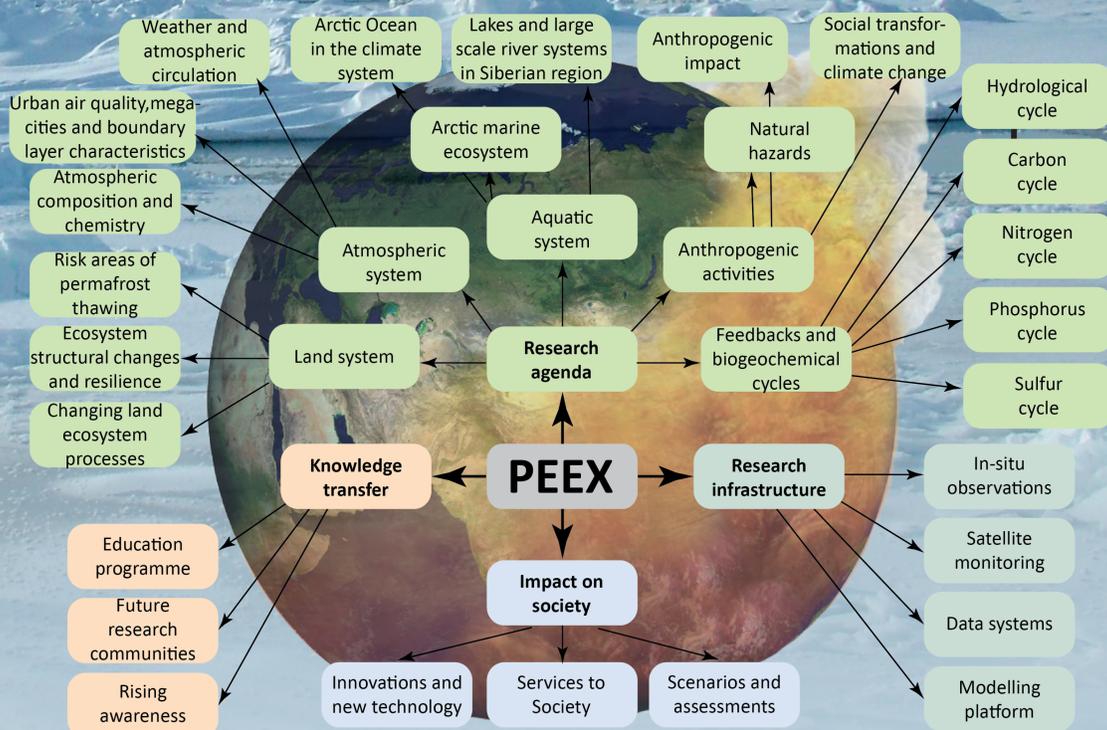


PAN-EURASIAN EXPERIMENT (PEEX) PROGRAM

OVERVIEW

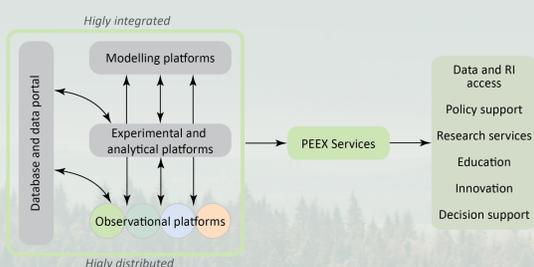
- A bottom up initiative by several European, Russian and Chinese research organizations and institutes
- A multidisciplinary climate and environmental change initiative focused on the Northern Eurasian Arctic-boreal regions and China
- Research community from 20 different countries, network of 4,000 researchers
- 35 research institutes from Russia and China have signed a Collaboration Agreement within 2012-2016
- Set for years 2013-2033 – long-term continuing activity

PEEX Program Structure



PEEX Infrastructure

- To establish PEEX OBSERVATION SYSTEM
 - an in situ observation network across the PEEX domain
 - representing different spatial and temporal scales
 - a hierarchical land-atmosphere stations network across Northern Eurasian based on the SMEAR-II Station measurement concept
 - including observations on marine and inland water processes
 - remote sensing
- To establish PEEX MODELLING PLATFORM
- To establish PEEX DATA STORAGE & DELIVERY SYSTEM



PEEX in Writing

- Integrate scientific results into policy making
- Science Plan drafted in 2015
- PEEX Special Issue in J. Atmospheric Physics & Chemistry Open
- Contributing to the 1st PEEX Scientific Assessment



PEEX Knowledge Transfer

- To educate the next generation of scientists and offer capacity building for experts at international workshops and courses
- Horizontal learning among students and teachers



3rd PEEX Science Conference will be in Moscow Sep 2017 Hosted by Moscow State University, Faculty of Geography

Preparatory Phase Committee

- Prof. Markku Kulmala, Univ.Helsinki, FI
 Prof. Sergej Zilitinkevich, FMI, FI
 Director Yrjö Viisanen, FMI, FI
 Prof. Vladimir Kotlyakov, Inst. of Geography, RU
 Prof. Nikoly Kasimov, Moscow State University, RU
 Prof. Valeriy Bondur, AEROCOSMOS, RU
 Prof. Gennady Matvienko, Inst. of Atmospheric Optics SB, RAS, RU
 Prof. Alexander Baklanov, WMO, CH
 Prof. Huadong Guo, RAD, CAS, Beijing, CN
 Prof. Li Chongyin, Inst. Atmospheric physics, CAS, Beijing, CN
 Prof. Hans-Christen Hansson, Integrated Land Ecosystem-Atmosphere Study (iLEAPS), SE

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 Education Officer Dr. Antti Lauri
 Administrative Officer Mrs. Alla Borisova

PEEX Regional Offices

Moscow Offices hosted by AEROCOSMOS and Moscow State University, RU
 PEEX Beijing Office hosted by Institute of Digital Earth and Remote Sensing (RAD), CN
 Nanjing Office hosted by University of Nanjing, CN
 PEEX Working Groups: see PEEX website for details.

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