



PAN EURASIAN EXPERIMENT (PEEX)  
- TOWARDS A NEW MULTINATIONAL, MULTIDISCIPLINARY  
CLIMATE, AIR QUALITY AND ENVIRONMENT  
RESEARCH EFFORT IN ARCTIC AND BOREAL  
PAN-EURASIAN REGIONS



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## Joint CRAICC-PEEX collaboration, research and educational activity

The CRAICC-PEEX co-operation activity is linking the ongoing Nordic Center of Excellence “*Cryosphere-Atmosphere Interactions in a Changing Arctic Climate*” (CRAICC) with a recently established “*Pan Eurasian Experiment*” (PEEX), a research initiative focused on Northern Pan Eurasian arctic and boreal forest regions.

The CRAICC (<https://www.atm.helsinki.fi/craicc>) is part of the Top-level Research Initiative (TRI), the largest joint Nordic research and innovation initiative to date, aiming to strengthen research and innovation regarding climate change issues in the Nordic Region (*targeted for years 2010-2015*).

CRAICC research programme is available at:

[https://www.atm.helsinki.fi/craicc/images/CRAICC\\_Research\\_program\\_120210.pdf](https://www.atm.helsinki.fi/craicc/images/CRAICC_Research_program_120210.pdf)

The PEEX (<https://www.atm.helsinki.fi/peex>) is new large-scale initiative for conducting Arctic and boreal climate changes research in order to answer global grand challenges and to set up a process for planning and establishing of a world-class long-term, coordinated observations and modeling research program focusing in the Pan Eurasian region, especially to cover ground base, airborne and satellite observations over the Siberian region. PEEX is built on collaboration by European, Russian and Chinese parties. PEEX will involve scientists from various disciplines, experimentalists and modelers, and international research projects funded by European, Russian and Chinese funding programmes or organizations (*targeted for years 2013-2033, continuing until 2100*).

PEEX Science Plan is available at:

[http://www.atm.helsinki.fi/peex/images/PEEX\\_SciencePlan\\_PROOFversion.pdf](http://www.atm.helsinki.fi/peex/images/PEEX_SciencePlan_PROOFversion.pdf)

**The aims of the CRAICC-PEEX joint collaboration, research, and educational are:**

- to strengthen the collaboration between Nordic and Russian key investigators and corresponding institutes in the frameworks of PEEX.
- to make a detailed design enabling a longer-term, a top-level research activities in PEEX,
- to build direct links and to establish a student training and short-term exchange between the institutes.

Funded by the NordForsk (<http://www.nordforsk.org>) - organisation under Nordic Council of Ministers that facilitates and provides funding for Nordic research cooperation and research infrastructure.