

Welcome to the 2nd PEEX Science Conference

Dear Colleagues,

As Chair of the Organizing Committee and Co-Chairs of the Scientific Committee for the 2nd Pan-Eurasian Experiment (PEEX) Science Conference, we would like to welcome you to Beijing to participate in this important and meaningful event, to be held 18-20 May 2016.

PEEX is a multidisciplinary, multi-scale research initiative aiming at resolving the major uncertainties in Earth System and Global Sustainability Science. PEEX is especially concerned with Arctic and Pan-Eurasian regions. The vision of PEEX is to solve interlinked global grand challenges, such as climate change, air quality, biodiversity loss, chemicalization, food security, energy production and fresh water supply. The ultimate goal is to influence human well-being and societies in Pan-Eurasia in an integrative way, recognizing the significant role of boreal and Arctic regions in the context of global change.

The conference is a scientific platform to discuss further steps for implementing the PEEX Science Plan, and explore better scientific approaches to global sustainable development. It is aiming to promote PEEX as a next-generation natural sciences and socio-economic research initiative. PEEX will rely on excellent multi-disciplinary science with clear impacts on future environmental, socio-economic and demographic development of the region. It serves as a scientific community building novel infrastructures in those areas. In this conference, we will focus on, but not limit ourselves to, the themes of observation, data management, technological infrastructure, processing and modeling, and impacts, adaptation and administration. Scientists, technologists, and managers from around the world with enthusiasm for tackling global sustainable development will be able to exchange knowledge and experiences, and share new methods, technologies and applications related to the PEEX vision.



The Earth is our home and we are responsible for its effective protection and environmental optimization. Over a period of three days, the 2nd PEEX Science Conference will bring us together to underpin the role of PEEX in global change, and support the scientific struggle for tangible results to inform our response to global challenges and the creation of a better society.

We look forward to meeting you over the coming days.

Ca Unadaf Huadong GUO

Huadong GUO V Chair of Organizing Committee The 2nd Pan-Eurasian Experiment Science Conference

Markku KULMALA Co-Chair of Scientific Committee The 2nd Pan-Eurasian Experiment Science Conference

Dance

Valery BONDUR Co-Chair of Scientific Committee The 2nd Pan-Eurasian Experiment Science Conference