



## Air-CAS – INAR Data Workshop & Plans for joint paper on-line meeting

**“Development to the In-situ Component  
by the Digital Belt and Road (DBAR) and Pan-Eurasian Experiment (PEEX) Programmes”**

**Meeting Date:** 4 May 2022 (2 h meeting)  
**Meeting time:** 17:15-19:15, Beijing, Beijing time  
12:15-14:15 Helsinki time, Helsinki time (5 h time difference)  
**Meeting format:** on-line  
**Meeting link:** Join Zoom Meeting

The meeting aims to analyze and map the existing data at CBAS/DBAR and INAR/PEEX and discuss joint articles (topical areas for joint publications: (i) polluted environments; air quality in mega/giga cities, (ii) boreal forests and carbon sink + forest fires to combine eddy covariance with satellite data).

### AGENDA

#### Opening and Introductions of Participants

Chairs Yubao **QIU** (CBAS) & Hanna **LAPPALAINEN** (INAR)

#### Session - 1 CBAS/DBAR Activities (30')

Chaired by Hanna **LAPPALAINEN**

- Megacity (Beijing) measurements and data, *Chao YAN*
- Smart-SMEAR, boreal forest measurements and database, *Tuomo NIEMINEN*
- Satellite proxies, *Anu-Maija SUNDSTRÖM*

#### Session - 2 CBAS/DBAR Existing Remote Sensing Data (30')

Chaired by Yubao **QIU**

- Global rainfall-induced landslide modeling and assessment in 2001-2100, *Guoqiang JIA*
- Spatial-Temporal Distributions and Influencing Factors of atmospheric environment over Xinjiang and Hainan, *Linyan BAI*
- Spatiotemporal changes in the boreal forest in Siberia over the period 1985–2015 against the background of climate change, *Lei TIAN, Wenxue FU*
- Impact Analysis of Gas Flaring to the changes of vegetation in Northern Eurasia, *Yubao QIU*

#### Session - 3 Discussions (55')

- Topic for joint papers (megacity, boreal forest, and forest fire, or gas flaring and its relevance to SDG 13)
- Intercomparison
- Establishing a joint database e.g HiMAC Data Portal - Open and Interoperable to have new Group on the Data, and be with iCUPE – interoperability

Meeting Organizer and Contact:

Hanna **LAPPALAINEN**, PEEEX/INAR, [hanna.k.lappalainen@helsinki.fi](mailto:hanna.k.lappalainen@helsinki.fi)

Yubao **QIU**, DBAR/CBAS, [qiuyb@aircas.ac.cn](mailto:qiuyb@aircas.ac.cn)