

Time 13:30-15:00, September 4th, 2023

DBAR-HiMAC (1): Connections of Environment Changes between High Mountain Asia and Arctic Region

Co-Chair:

Yubao QIU, International Research Center of Big Data for Sustainable Development Goals, China,

Birendra BAJRACHARYA, ICIMOD, Nepal

13: 30 – 13: 45

Title: Teleconnection causation and effects of Earth's three poles (Invited)

Xin LI, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China

13: 45 – 14: 00

Title: Coping with Climate Change Impacts in the Hindu-Kush-Himalayas region

Birendra BAJRACHARYA, The International Centre for Integrated Mountain Development

14: 00 – 14: 10

Title: Using Satellite Big Data to Monitor Glacier Changes in High Mountain Asia

Lei HUANG, The International Research Center of Big Data for Sustainable Development Goals (CBAS), China

14: 10 – 14: 20

Title: Snow simulation in a regional climate model: a case study over the Tianshan Mountains, Central Asia

Qian LI, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, China

14: 20 – 14: 30

Title: Recent changes (1957-2017) in spatiotemporal patterns of freezing weather in China

Rui KONG, China University of Geoscience, China

14: 30 – 14: 40

Title: Variation and trend projection of extreme precipitation in the Tianshan Mountain, Central Asia

Xueqi ZHANG, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, China

14: 40 – 14: 50

Title: Reconstructing Annual Glacier Mass Balance in the China-Pakistan Economic Corridor Utilizing Remote Sensing Albedo

Yi LIU, Institute of Geodesy and Geophysics, Chinese Academy of Sciences, China

14: 50 – 15: 00

Title: High-quality runoff and evapotranspiration products of the Tibetan Plateau

Xinfeng FAN, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China

Time 13:30-15:00, September 6th, 2023

DBAR-HiMAC (2): Connections of Environment Changes between High Mountain Asia and Arctic Region

Co-Chairs:

Massimo MENENTI, Delft University of Technology, Netherlands

Lanhai LI, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, China

13: 30 – 13: 45

Title: Satellite Observations of Energy and Water Cycle over Tibet Plateau (Invited)

Jiancheng SHI, National Space Science Center, Chinese Academy of Sciences, China

13: 45 – 14: 00

Title: Variations of snowpack properties and its hazard effects under climate warming in the central Tianshan Mountains (Invited)

Lanhai LI, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, China

14: 00 – 14: 10

Title: Sustainable lake snow and ice monitoring programs in semi-arid northeast China and snowy Northern Finnish Lapland

Bin CHENG, Finnish Meteorological Institute, Finland

14: 10 – 14: 20

Title: Operational sea ice forecasts for the polar regions in the NMEFC

Xi LIANG, National Marine Environmental Forecasting Center, China

14: 20 – 14: 30

Title: Index system of multisource Earth observation on snow, glacier and geohazards in high cold region and its application

Jinghui FAN, Natural Resources Aerogeophysical and Remote Sensing Center, China Geological Survey, China

14: 30 – 14: 40

Title: Pixel-by-Pixel greening and browning trend analysis over circumpolar arctic tundra with Landsat data during 2000-2020

Caixia LIU, Aerospace Information Research Institute, Chinese Academy of Sciences, China

14: 40 – 14: 50

Title: Calculation of Lake Ice Coverage across the Eurasian Continent based on MODIS Data during last 21 years

Zhengxin JIANG, Aerospace Information Research Institute, Chinese Academy of Sciences, China

14: 50 – 15: 00

Title: Glacio-hydrology in the Karnali River Basin of Nepal Himalaya

Ranjeet BHLON, Institute of Tibetan Plateau Research Chinese Academy of Sciences, China