

Session A11 **Sustainable Development of the Earth's Cold Regions under a Warming Scenario**

Time: 15:30-17:00, 7th September

Room: 305B

Co-Chairs

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

Massimo Menenti, Delft University of Technology, the Netherlands

Remote Sensing of Snow Properties over Tibet Region

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

Endeavors for Mapping Settlements in the Arctic with the Global Human Settlement Layer

Michele Melchiorri (European Commission, Joint Research Centre, Ispra, Italy)

Climate-Driven Glacier Dynamics and Impacts in Antarctica, Greenland, and the Tibetan Plateau (1996–2021)

LI Rongxing (Tongji University, China)

SMEAR Concept for Cold Regions

Joni Kujansuu (Institute for Atmospheric and Earth System Research (INAR), Finland)

Advancing Periglacial Landform Inventories on the Tibetan Plateau and Beyond

FENG Min, (Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China)

International collaboration activities involving open and data sciences for SDGs

Masaki Kanao (Polar Environment Data Science Center, Tokyo, Japan)

Space-Based Observation Data Services and Data Service Framework of GEO Cold Regions in NODA

ZHANG Lianchong (National Earth Observation Data Center (NODA), China)

SHI Lijuan (Henan University, China)

Great power co-opetition and Arctic sustainable development: based on Chins-US climate collaboration

XU Qingchao, (Beijing Language and Culture University, China)

GEO Cold Regions for the Digital Sustainable Development Goals

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

Massimo Menenti (Delft University of Technology, the Netherlands)

Discussion

Topics: Guiding GEOCRI's Contribution to Achieving the Sustainable Development Goals (SDGs) in Cold Regions
