

Session B10 AI for Sustainable Development: Data, Models and Insights

Time: 10:10-11:40, 8th September

Room: 302

WANG Jie, Pengcheng Laboratory

Co-Chairs

HUANG Huabing, Sun Yat-sen University

WANG Xiaoyi, Institute of Tibetan Plateau Research CAS

Bridging scientific research and policy action using Earth observation and Artificial Intelligence for global monitoring of inland vegetated wetlands under UN SDG Indicator 6.6.1

Dany Ghafari (UNEP)

Public Health Threats from Groundwater Arsenic Contamination: Global Patterns of Risk and Exposure

WU Ruohan (Sun Yat-sen University, China)

A multi-source monitoring framework towards a more effective integration of tropical forest regeneration and restoration

HE Zhang (The University of Hong Kong, China)

Mapping global center-pivot irrigated cropland with knowledge-guided data augmentation and deep learning

LIU Xiangyu (Pengcheng Laboratory, China)

Dynamic mapping from static labels: remote sensing dynamic sample generation with temporal-spectral embedding

YUAN Shuai (The University of Hong Kong, China)
