

Session B4 Data and AI for Disaster Risk Reduction

Time: 10:30-12:00, 7th September (UTC+8)

Room: 305D

Meeting ID: 815 064 1166 Passcode: gosc

LI Jianhui, International Research Center of Big Data for Sustainable Development Goals (CBAS), China; Nanjing University, China

Co-Chairs Francis P. Crawley, CODATA International Data Policy Committee (IDPC)

ZHANG Lili, Computer Network Information Center, Chinese Academy of Sciences (CNIC, CAS), China; GOSC IPO

Ethics and Governance in AI-Enhanced Disaster Risk Reduction

Francis P. Crawley (CODATA)

Future-led Disaster Risk Reduction: Perspective from IRDR

YANG Saini (IRDR)

Using big data and AI for disaster mitigation

Bapon Fakhruddin (Green Climate Fund, online)

Building Damage Assessment from Multi-Source Remote Sensing Images Using Diffusion Models

WANG Yue (Aerospace Information Research Institute, CAS; Institute of Disaster Prevention, China)

Disaster Risk Reduction, Data Policies, Hazard Information Profiles

Virginia Murray (Public Health England, online)

Open Data Infrastructure for Disaster Risk Mitigation

ZHANG Lili (GOSC IPO & CNIC, CAS, China)

Panel Discussion Topics:

1. Why AI for SDGs?
2. Gaps to bridge for AI4SDGs.
3. Future envisions especially from the open science infrastructure perspective.

Panel Speakers:

Jianhui Li (Nanjing U, Asia); Francis P. Crawley (CODATA, Europe); Tiziana Ferrari (EGI, Europe); Saini Yang (IRDR, International); Bapon Fakhruddin (Green Climate Fund, International, online, TBC); Hussein Sherief (AASCTC, Ethiopia, Africa); Joseph Wafula (JKUAT, Africa, TBC); Agnes Kiragga (APHRC, Africa, TBC); Lili Zhang (CNIC, CAS, Asia);
