

Session A19 **Digital Applications and Scenario Innovation for Goal Realization**

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**Time: 15:30-17:00, 6th September**

**Room: 305A**

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**Co-Chairs**

SUN Zhongchang, International Research Center of Big Data for Sustainable Development Goals (CBAS), Beijing, China

Robert Ndugwa, UN-Habitat, Nairobi, Kenya

ZHAO Mingxiao, Institute of New Economic Development, Chengdu, China

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**Opening remarks**

SUN Zhongchang, CBAS, Beijing, China

**A Global Perspective On the Value of Multi-level Analysis as An Enabler for Achieving SDGs**

Robert Ndugwa, UN-Habitat, Nairobi, Kenya

**Complex Urban Systems for Sustainability and Health**

Caroline Kabaria, PHRC Campus, Kitisuru, Nairobi, Kenya

**Digital Dust Tracking: MODIS, Sentinel & HYSPLIT for Smart Dust Storm Mitigation in Khuzestan**

Mehdi Nadi, Sari Agricultural sciences and Natural Resources University, Sari, Mazandaran, Iran

**Assessment of Green Development Levels in Small Watersheds Across China Implications for Prioritized Management**

QIN Chengxin, Tsinghua University, Beijing, China

**Report Release and Recommendation: The Current Situation and Future of the Digital Industry Development in Disaster Reduction in Sichuan Province**

IRDR&iNED, China

**NexTus Youth Talk: From 3D Mapping to Digital Intelligence: End-to-End LiDAR AI Solutions**

XU Guangcai, GreenValley International, Beijing, China

**NexTus Youth Talk: Immersive Universe: Harnessing AR and VR to Transform Earth Science Education**

HUANG Shenghui, Mirage Lab Digital Technology, Hangzhou, China

**NexTus Youth Talk: AI Avatars for Impact: Connect Youth to Promote the SDGs and Our Experiment with Chongzhou Bamboo-Craft Village**

ZHAO Mingxiao, iNED, Chengdu, China

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