Session A20	**Monitoring, Application, and Service of Sustainable Development Goals**
Time: 10:10-11:40, 8th September	**Room: 305A**

Co-Chairs	LIU Liangyun (International Research Center of Big Data for Sustainable Development Goals, China)
	XU Bing (Tsinghua University, China)
	ZHANG Li (International Research Center of Big Data for Sustainable Development Goals, China)
	LUO Lei (International Research Center of Big Data for Sustainable Development Goals, China)

	Development of SDG-relevant High-level Satellite Products
	LIANG Shunlin (The University of Hong Kong, China)
	Urban Sustainable Development
	XU Bing (Tsinghua University, China)
	Changing Capability of Flood Regulation: An Observation-based Analysis in Yangtze River Basin
	LIN Peirong (Peking University, China)
	Nighttime Light in China's Coastal Zone: The Type Classification Approach Using SDGSAT-1 Glimmer Imager
	JIA Mingming (Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, China)
	Mapping of Asian Rice Paddies and Estimation of Their Methane Emissions
	YUAN Wenping (Peking University, China)
	Global Land Cover Dynamics and Their Drives Observed at 30-m Resolution Over 1985-2022
	LIU Liangyun (International Research Center of Big Data for Sustainable Development Goals, China)
	Carbon Monitor: Near-Real Time Carbon Emission Dataset
	LIU Zhu (Tsinghua University, China)
	Quantifying Arctic Vegetation Changes with Satellite Remote Sensing
	LIU Caixia, HUANG Huabing (Sun Yat-sen University, China)
	Unveiling the Challenges and Opportunities of Sustainable Development Goals in China: Untangling the Main Causal Relationships
	HUANG Chunlin (Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences, China)
	Achieving Sustainable Development Through National Innovation: Evidence from 131 Countries
	ZHONG Fanglei (School of Economics, Central University for Nationalities, China)
	Synergistic inversion of monthly water volume variations in lakes and reservoirs across North China using multi-source remote sensing satellites
	YANG Haibo (Zhengzhou University, China)