

Room SRoom ID: 854 7537 1364 Password: 114941
Keynote

Time	Content	
11:00-11:15	Opening (Chair: Prof. Min Chen)	
	Invited Speaker	Title
11:15-11:45	Prof. Yukio Himiyama	Young Geographers in Asia and Sustainable Gevelopment
11:45-12:15	Prof. Michael Meadows	Coastal and Estuarine Wetlands in the Anthropocene
12:15-12:20	Tea/Coffee Break	
	Chair: Dr. Gaurav Sikka	
12:20-12:50	Prof. Suresh Chand Rai	Sustainable Water Resources Management: Issues and Challenges
12:50-13:20	Prof. Anthony G.O. Yeh	Smart Technology and Sustainable Cities and Communities
13:20-13:50	Prof. Mei-Po Kwan	Big Data and Geospatial Technologies for Sustainable Cities Research

Room A

Room ID: 899 5918 0241 Password: 294839

Session 1:

Urban Landscape Sustainability in Asia

Session Chairs: Zhifeng Liu, Yupeng Liu, Qian Cao, Da Zhang

Time	Author	Paper Title
15:00-15:10	Cheng Li, Zhifeng Wu, Jiong Cheng	Spatiotemporal patterns and landscape heterogeneity drivers of soil heavy contamination during an intensive urbanization period (1989-2018) in southern China
15:10-15:20	Da Zhang, Ying Nan	Urban expansion and ecosystem services in the transnational area of China, North Korea, and Russia
15:20-15:30	Huanchun Huang, Zhou Xinhui, Qu Yongchao, Zhong-Ren Peng	Spatial effects and green space planning response of climate warming on the health risks due to urban heat exposure: A case study on the megacity Beijing, China
15:30-15:40	Xiangwen Deng, Qian Cao, Lunche Wang	Impacts of urban expansion and lake shrinkage on summer climate and human thermal comfort in a land-water mosaic area
15:40-15:50	Ting Zhou	Impact of cropland reclamation on the ecological security in the Yangtze River Economic Belt, China
15:50-16:00	Ye Wei	Urban positionality in the regional urban network: From the perspective of alter-based centrality and national-local perspectives
16:00-16:10	Yupeng Liu, Jiajia Li, Wei-Qiang Chen, Lulu Song, Shaoqing Dai	Urban building metabolism—patterns, processes, and impacts
16:10-16:20	Zhaowu Yu	From health benefits of exposure to urban nature to exposure ecology: Case study and theory exploration
16:20-16:30	Chunyang He, Zhifeng Liu, Jianguo Wu, Xinhao Pan, Zihang Fang, Jingwei Li, Brett A Bryan	Future global urban water scarcity and potential solutions
16:30-16:40	Yinuo Hu	Challenges in revitalizing historic urban quarters: The notion construction of heritage
16:40-16:50	Tian Shenzhen, Qi Ao, Li Zihang, Pan Xiaobai, Liu Yushi, Li Xueming	Spatial pattern characteristics and optimization path of high-quality coordinated development of urban “three state” human settlements: A case study of 14 prefecture-level cities in Liaoning province
16:50-17:00	Cui Xinyu, Zeng Jie, Chen Wanxu	The impact of urban expansion on the supply-demand relationship of ecosystem services—based on the empirical evidence of prefecture-level cities in China
17:00-17:10	Wang Guanzheng	Differences in the impact of urban expansion on ecosystem services value in different urban agglomerations in China
17:10-17:20	Zhu Gejing, Zeng Jie, Chen Wanxu	Impacts of land use change on ecosystem services value in the South-to-North Water Diversion Project

17:20-17:30	V.P.I.S. Wijeratne, Gang Li, Muhammad Sajid Mehmood	Assessing the human impact on channel morphology of the Kelani River, Sri Lanka
Room B Room ID: 830 9541 1532 Password: 175797 Session 2: Urban Governance from Regional Comparative Perspective Session Chairs: Yanpeng Jiang, June Wang, Helin Liu, Pravin Kokane Discussants: Bingqing Li, Jie Shen, Tingting Lu, Chaowei Xiao, Jinglu Song, Junfang Lin		
Time	Author	Paper Title
15:00-15:10	Tingting Lu	The sense of community in homeowner association neighborhoods in urban China
15:10-15:20	Jinglu Song	Spatial explicit mapping of the heat health risk and its determinants for high-density cities
15:20-15:30	Wang Haoran, Su Lixian, Liao Nan, Liu Zhaoyin, He Zhiyin, Luo Wei	Bus service adjustment with the driver shortage during COVID-19 outbreak in Singapore: Leveraging urban big data and spatial interaction coverage model
15:30-15:40	Pravin Kokane, Vinitha Shinkar, Mohd.Ammar Ashraf and Gaurav Sikka	Conceptualizing emergency preparedness and response system in Tier-II City of Maharashtra
15:40-15:50	Zhuolin Pan, Ye Liu, Yuqi Liu	Uncovering the pathways between house prices and depressive symptoms in Chinese cities: A national representative study
15:50-16:00	Linbing Zhuang, Nianhua Liu	Exploring the land expansion strategy and transition rule of urban conversion: A case study in central Wuhan
16:00-16:10	Chaowei Xiao	Big data and urban informality: Using mobile phone signal data to analyze people's movement patterns in Shanghai's urban villages
16:10-16:20	Chen Wan, Bing Xue	Rare earth industry aggregation and regional city development: A case study of Ganzhou city
16:20-16:30	Junfan Lin	Busker, urban public space and performance: An investigation into guangzhou street music
16:30-16:40	Andrea Law, Chua Wee Han, Shermaine Neo Xuan Min, So Hoi Kay	Uplifting greenery: Proposing locations for urban rooftop gardens to maximise accessibility to green spaces in DKI Jakarta and Singapore
16:40-16:50	Nannan Zhao, June Wang	Institutionalisation of public interest in planning: Evolving mechanisms of public representation in China's urban regeneration policymaking
16:50-17:00	Sukanya Bose, Mrinmoyee Naskar, Debajit Datta	Effects of anthropogenic noise on the soundscape of a rapidly transforming urban area: A study of new town action area III, Kolkata.
17:00-17:10	Yashwi Joshi, A.P. Mishra	Inequities in health services in india with reference to COVID-19: A geographical perspective
17:10-17:20	Jie Shen	Universities as financing vehicles of (sub)urbanisation: The development of university towns in Shanghai
17:20-17:30	Yanpeng Jiang	Small horse pulls big cart in the scalar struggles of competing administrations in Anhui province, China
17:30-17:40	Bingqin Li	How fast has China urbanized? —an international comparison

Room C

Room ID: 872 4759 9693 Password: 933651

Session 3:

Building Resilience to Poverty Reduction in Asia

Session Chair: Yuheng Li

Time	Author	Paper Title
15:00-15:10	Dilwar Hussain, Manoj Alagarajan	Educational attainment on workforce participation in India: Evidence from IHDS data
15:10-15:20	Deepak Moda, Sudhir Kumar Bansal	An Analysis of Prospects of MGNREGA in Poverty Alleviation: A Sample Study of 20 Beneficiary Households of Tain Gram Panchayat of Nuh Block of Nuh District of Haryana, India
15:20-15:30	Wang Yanjun, Wang Mengjie, Wang Shuhan, Li Shaochun, Lin Yunhao	Evaluation and analysis of poverty in China under the framework of UN sustainable development goals
15:30-15:40	Zhu Lin, Li Yuheng, Wang Yan, Zhou Yuzhuo	How to sustain rural households' livelihood after poverty alleviation in Southwest China The study of Youyang County, Chongqing City
15:40-15:50	Qihui Jin, Ao Li	Understanding the multidimensional poverty in Central and South Asia
15:50-16:00	Shemei Zhang, Bin Wu, Rui Chen, Jingzhi Liang	Government intervention and cooperative development in the poor areas of rural China: A case of XM beekeeping cooperative in Sichuan
16:00-16:10	Hui Hong, Liu Jianwei, Hu Fucheng, Peng Jingjing	Research on the spatio-temporal evolution pattern of agritainment in China
16:10-16:20	Jesurk Yang, Donghyun Ahn, Meeyoung Cha, Hyunjoon Yang, Jihee Kim, Sangyoon Park, Sungwon Han, Eunji Lee, Susang Lee, Sungwon Park	A machine-learning approach to predict economic development with satellite imagery: A case study for five least developed countries in Asia

Room D

Room ID: 895 6568 8597 Password: 616843

Session 4:

Open Geographical Modeling

Session Chairs: Fengyuan Zhang, Xintao Liu

Time	Author	Paper Title
15:00-15:10	Akash, Dr. Rupesh Gupta, Er. Pooja Jindal	Estimation of carbon monoxide through algorithms over India
15:10-15:20	Jeon-Young Kang	An integrated framework of global sensitivity analysis and calibration (GSA-CAL) for spatially explicit agent-based modeling
15:20-15:30	Kai Xu	A new academic impact metric for evaluating geographic simulation models
15:30-15:40	Maryum Khan, Jamil H. Kazmi	Road infrastructure mapping and analysis using geospatial techniques
15:40-15:50	Yuanqing He, Min Chen, Yongning Wen	Research on grid servitization method for open geographic model integration applications
15:50-16:00	Beichen Zhang, Min Chen, Zaiyang Ma	An online participatory system for SWMM-based flood modeling and simulation
16:00-16:10	Jitao Zhou, Xiaofeng Wang	Evaluation of the applicability of reanalysis dataset in the Sanjiangyuan region and its optimization
16:10-16:20	Xiaohui Qiao	A container-based approach for sharing environmental models as web services
16:20-16:30	Majid Amani-Beni	Freely accessible remote sensing data as a proxy to study air temperature variations in fine-scale urban environment
16:30-16:40	Ziwei Zhang, Yuxuan Liu, Sheng Hu, Liang Wu	Revealing hierarchical overlap city structure using taxi trajectory data
16:40-16:50	Jinmeng Rao	Privacy-preserved location recommendation using decentralized collaborative machine learning
16:50-17:00	Qing Tian	A review of the digitization achievements of Chinese Antique Maps at home and abroad
17:00-17:10	Yuhao Kang	A review of urban physical environment sensing using street view imagery in public health studies

Room E

Room ID: 852 9281 1629 Password: 866769

Session 5:

Hydro-Climatic Extreme Events in Mountain Regions

Session Chair: Seema Rani

Time	Author	Paper Title
15:00-15:10	Ritu Jain	Water cycle and circular economy with netzero: Prospective role of the geographers
15:10-15:20	Yanjun Cai	Climate resilience and resistance in Myanmar: Transcripts from voiceless women
15:20-15:30	Nadeeka Chathurani	Case study on identification of flood hazard in the lower catchment area of the attanagalu Oya River basin
15:30-15:40	Jia Liu, Tingjun Zhang	Reconstruction of the past climate change using borehole paleothermometry
15:40-15:50	Jizhou Bai, Jing Li, Zixiang Zhou	Predicting soil conservation service in the Jinghe River basin under climate change
15:50-16:00	You Tu, Liangliang Jiang, Rui Liu	Vegetation dynamics and responses to climate change and human activities in China

Room F

Room ID: 842 2355 6265 Password: 903431

Session 6:

Challenges of Biodiversity Conservation and Nature Based Solutions for Local Sustainable Development

Session Chair: Bhanwar Vishvendra Raj Singh

Time	Author	Paper Title
15:00-15:10	Mahendra Singh	Achievement of sustainable development goals: An analytical study from India
15:10-15:20	Pawan Kumar, Milap Chand Sharma	Understanding the Late Quaternary Glaciation and Landscape Evolution in Upper Bhagirathi Basin of the North-west Garhwal Himalaya
15:20-15:30	Sanjeet Kumar	Ecocultural practices of Monpa's as key to sustainable management of natural resources: A case study of Tawang Monpa, Arunachal Pradesh
15:30-15:40	Luo Ting, Zeng Jie, Chen Wanxu	Study on the supply and demand pattern of ecosystem services and its influencing factors in Chengdu-Chongqing urban agglomeration
15:40-15:50	Xiao Huang	Quantitative analysis of the spatial and temporal evolution of social development-ecological environment coupling in the perspective of sustainable development
15:50-16:00	Zixu Jia, Xiaofeng Wang	Supply and demand balance of soil conservation service and its driving factors on the Loess Plateau from 2000 to 2018
16:00-16:10	Wenjie Yao, Xiaofeng Wang	Supply-demand spatial matching of ecosystem services on the Tibetan Plateau
16:10-16:20	Lilei Zhou, Dongjie Guan, Jian Zhou, Ya'Nan Jiang	How does ecosystem service group guide its change trend and direction at spatial scale? An analysis using phylogenetic clustering approach
16:20-16:30	Ravi Mishra	Evolution of forest ecosystem in hilly areas: A case study of Dhar Chula Tehsil, Western Himalayas, Uttarakhand, India

Room G

Room ID: 878 4676 6182 Password: 407338

Session 7:Health and Well-Being in A Transitional and Uncertain Era
Session Chairs: Jianxi Feng, Shuangshuang Tang, Ye Liu, Na Ta

Time	Author	Paper Title
15:00-15:10	Yangyang Li, Yihan Zhu, Jia Yu Karen Tan, Hoong Chen Teo, Andrea Law, Dezhan Qu, Wei Luo	The impact of COVID-19 on NO ₂ and PM _{2.5} levels and their associations with human mobility patterns in Singapore
15:10-15:20	Milind Sen	COVID-19: Impact on the mental health of the rickshaw pullers in Lucknow city
15:20-15:30	Yuxue Li, Juan Chen, Shenghua Xie, Xu Huang	Acculturation, urban identity, and psychological wellbeing of rural-urban migrants in China
15:30-15:40	Sanwei He	Agricultural green infrastructure and the influence on residents' wellbeing in Peri-urban Wuhan, China: Distilling the role of ecosystem services
15:40-15:50	Shuangshuang Tang, Harry F. Lee, Jianxi Feng	Social capital, built environment and mental health: A comparison between the local elderly people and the 'laopiao' in urban China
15:50-16:00	Yuan Yuan Teng	Internal migration intentions of young adults living in Tokyo: Focusing on the effects of the COVID-19 pandemic
16:00-16:10	Liu Zhaoyin, Zhou Yuxuan, Zhao Yumin, Li Yunyue Elita, Luo Wei	Spatiotemporal patterns and progression of the Delta variant of COVID-19 and their health intervention linkages in Southeast Asia
16:10-16:20	Zidan Mao, Fangyu Liu, Ying Zhao	Happy city for everyone in a transitional era: A generational perspective into migrant workers' leisure
16:20-16:30	Yaqian Mao, Tomoko Kubo	Are older women really more disadvantaged than their male counterparts? The impact of coupling constraints on everyday mobility of older adults in Tianjin city, China
16:30-16:40	Tengfei Ding, Ye Liu	So close, yet so far: Measuring the pandemic's impact on (a)spatial accessibilities to parks
16:40-16:50	Gi Hoon, Choi	A visual methodological research on border perception of high school students: An essay for understanding border as social space
16:50-17:00	Jianxi Feng	Gender differences in leisure participation and subjective well-being among the elderly: The role of household structure and built environment
17:00-17:10	Yanting Xu, Jianxi Feng	Estimating the health effect of residents' outdoor physical activity based on air pollution: A case study from Nanjing, China
17:10-17:20	Zou Yanting, Liao Kaihuai	Analysis of health inequality based on the physical examination results of 5844 urban and rural residents in Zhejiang province
17:20-17:30	Chen Jialiang	Health effects of residential segregation: A case study of boundary residential areas in Guangzhou
17:30-17:40	Yue Yu, Gang Li, Annan Jin, Yushan Huang, Lanqing Xu	Location choice and optimization of development of out-of-school hours care places: A case study of Yanta district of Xi'an
17:40-17:50	Jonghee Lee-Caldararo	Understanding urban dweller's loneliness and their night

Room S

Room ID: 854 7537 1364 Password: 114941

Keynote

Chair: Dr. Zhuo Wu

Time	Invited Speaker	Title
11:00-11:30	Prof. Safdar Shirazi	Climate Change in South Asia: Implications for Land
11:30-12:00	Prof. Shuli Niu	Ecosystem Responses to Gradual Global Environment Change
12:00-13:30	Tea/Coffee Break	

Room A

Room ID: 899 5918 0241 Password: 294839

Session 8:**BRI and Inter-Asia Engagement: Insights from Social and Cultural Geography**

Session Chairs: Quan Gao, Ningning Chen

Time	Author	Paper Title
13:30-13:40	Quan Gao, Ningning Chen	Introduction to “BRI and inter-Asia engagement: Insights from social and cultural geography”
13:40-13:50	Nay Aung	Social and cultural perspectives on BRI
13:50-14:00	Yang Yang	The Belt and Road initiative as multiple geographies of knowledge production
14:00-14:10	Dandan Hong, Gang Li, Feng Xu, Yushan Huang, Qifan Nie, Yishuo Lin, Yingying Wang	Chinese language and culture diffusion in global communications: Insights from the confucius institutes
14:10-14:20	Dylan Brady	Rail mobilities and the “China Model”
14:20-14:30	Sugandh	Cultural geographic perspective of marriage migration in mithila region, India
14:30-14:40	Chin-Ee Ong	Mosques, Chinese junks and pagoda-shaped ice-creams: The Silk Roads and the expansion of imaginative spaces in Quanzhou’s contemporary travel writings
14:40-14:50	Yong Tang, Yue Liang	Staged authenticity and nostalgia of mining tourists in the Jiayang Mining Geo-Park of China
14:50-15:00	Tejashi Roy	Differential Challenges and Adaptive Capacities of Migrant Workers of North Bengal Working in Indian Cities: A Cross-Sectional Sociological Analysis
15:00-15:10	Wang Tao, Huang Qiu-Ju, Kim Chang-Gyeong, Wu Lei	Effects of recreation in ecological scenic spots on tourists' health perception——based on natural and social environmental factors
15:10-15:20	Han Junyang	Accuracy evaluation of tropospheric zenith delay in Belt and Road region

Room B

Room ID: 830 9541 1532 Password: 175797

Session 9:

Remote Sensing of Land Resources

Session Chairs: Long Li, Lina Yuan, Longgao Chen

Time	Author	Paper Title
13:30-13:40	Aqil Tariq, Muhammad Majeed, Xing Zeng	Spatio-temporal assessment of Land Use Land Cover and its impact on Land surface temperature relationship with normalized satellite indices for the estimation of Lahore, Punjab, Pakistan using multi spectral remote sensing data
13:40-13:50	Deepanshu Parashar, Akash, Ashwani Kumar, Arvind Pandey, Sarita Palni, Ajit Partap Singh	A comparative spatial temporal study of urban sprawl in Indian metropolises using time series of DMSP/OLS satellite data
13:50-14:00	Lina Yuan	Modeling soil moisture based on ATI and modified TVDI for the Chinese Loess Plateau
14:00-14:10	Zixin Zhan, Yeshuo Shu, Linlin Dai	Land use change in cross-boundary areas of urban agglomeration: A case study of Tongzhou-Wuqing-Langfang area
14:10-14:20	Liu Ruirui, Zhao Huafu, Yang Hongyi	Feature recognition of urban industrial land renewal based on POI and RS data: The case of Beijing
14:20-14:30	Yang Yuanping, Bumairiyemu Maimaiti	Research on spatial difference of carbon emissions and carbon neutrality of land use in the economic belt on the Northern Slope of the Tianshan Mountains
14:30-14:40	Gu Tianci, Chen Wanxu, Zeng Jie	Impacts of construction land expansion on farmland fragment
14:40-14:50	Basanta Paudel, Xue Wu, Yili Zhang	Farmland abandonment and its determinants in the different ecological villages of the Koshi River Basin, Central Himalayas: Synergy of high-resolution remote sensing and social surveys
14:50-15:00	Yueyuan Zhang, Yangbo Chen	Generating high-resolution sub-daily soil moisture by using spatial downscaling technique in the Pearl River Basin
15:00-15:10	Zanxu Chen, Huping Hou, Shaoliang Zhang, Yongjun Yang	UAV multispectral image for monitoring vegetation community diversity in semi-arid mining area
15:10-15:20	Ng Tan Ting	Soil organic carbon stocks in urban forest ecosystems of metropolitan cities: Green belts in Hong Kong as case studies
15:20-15:30	Qin Lang, Wenping Yu, Mingguo Ma, Jianguang Wen	Analysis of the spatial and temporal evolution of land cover and heat island effects in six districts of Chongqing's main city
15:30-15:40	Ziqi Yu, Longqian Chen, Long Li	Spatiotemporal characterization of the urban expansion patterns in the Yangtze River Delta region
15:40-15:50	Jiang Xuhai	Analysis on the temporal and spatial evolution pattern and trend of desertification sensitivity in inner Mongolia autonomous region
15:50-16:00	Jiahao Ma, Zixu Jia	Impacts of vegetation restoration and check dams construction on soil organic carbon storage in Loess Plateau
16:00-16:10	Nuerbiye Aobulaisan, Bumairiyemu Maimaiti, Ayituoxun Shamuxi, Nuermaimaiti Aierken	Study on farmland change and its driving factors in Hotan City in recent 28 years based on remote sensing and GIS

Room C

Room ID: 872 4759 9693 Password: 933651

Session 10:

Coupled Human-natural System and Urban-rural Linkages in Asian and Global

Session Chair: Xue Bing

Time	Author	Paper Title
13:30-13:40	Li Hongqing	Energy metabolism activity at the village scale
13:40-13:50	Renhao Yang, Maarten Loopmans	Land commodification and rural gentrification: Blurring the rural-urban boundary in Chengdu, China
13:50-14:00	Jiaming Fu, Xuan Yu, Linlin Dai	Evolution of the human-land relationship in suburban rural settlements of metropolis: A case study of Wuqing District, Tianjin, China
14:00-14:10	Bo Fu	Evaluation method and application of service capacity of urban public toilet facilities based on POI big data
14:10-14:20	Wang Jianshi	Impact of dual environmental regulations on carbon emission intensity--An empirical analysis of based on 118 countries worldwide
14:20-14:30	Fan Li	Risk assessment of water for crop production in Henan Province based on water footprint theory
14:30-14:40	Qiushi Gu	A study on spatial network structure and influencing factors on emerging wine tourism destinations
14:40-14:50	Sokunthea Hay	Cambodia tourism development: Roadmap for recovery
14:50-15:00	Liangguo Lin	Spatial-temporal pattern and driving force analysis of multi-functional coupling coordinated development of cultivated land
15:00-15:10	Kangli Lin	Spatial-temporal evolution and interaction of cultivated land quality and carbon sink capacity: Insights from the Yellow River Basin (Shaanxi section) in China
15:10-15:20	Xiao Xiao, Jingzhong Li, Bing Xue	Uncovering the spatiotemporal pattern and geographical equity of pharmacies in Chinese cities from 2008 to 2018
15:20-15:30	Feng Xu, Gang Li, Dandan Hong, Annan Jin, Yue Yu, Jianpo Wang	Bridging the last mile delivery for community group purchasing: An analysis for urban and rural areas in China
15:30-15:40	Lv Peiyi, Liao Kaihuai	Influencing factors of Hong Kong residents' residential integration in the mainland from the perspective of border theory
15:40-15:50	Manju, K. V. Chamar	Levels of dwelling rooms status of female headed households in rural Haryana
15:50-16:00	Vu Thi Bac	Analyzing the agricultural transformation process in Ho Chi Minh City towards modern urban agriculture
16:00-16:10	Zeng Bin Cheng	Social representation of rurality in Hong Kong: Case study in the new territories
16:10-16:20	Qingyuan Zhang, Chao Yea, Jinjun Duanb	Multi-dimensional superposition: Rural collaborative governance in Liushe Village, Suzhou city

Room D

Room ID: 895 6568 8597 Password: 616843

Session 11:

Geographical Indications Environment and Sustainability

Session Chairs: Jingying Fu, Tomoko Doko, Kexin Li

Time	Author	Paper Title
13:30-13:40	Jingying Fu	Panshi rice lanjia village on permanent basic farmland case in Jilin Province, Northeast of China
13:40-13:50	Manvi Jain	A stride towards behavioral change: Addressing the global waste
13:50-14:00	Mingeun Kang, Douglas R. Gress	Evolutionary economic geography, industrial symbiosis, and green growth-oriented processes
14:00-14:10	Riya Bhattacharjee, Debajit Datta	Climate change and adaptive cropping: An analysis of farmers' responses in Sundarbans Delta, India
14:10-14:20	Qifei Zhang, Zhifeng Wu, Paolo Tarolli	A new approach to investigating the spatially heterogeneous driving forces of urban waterlogging
14:20-14:30	Si Qiao, Anthony Gar-On Yeh	Is ride-hailing replacing private or public transport? An integration model of small and big data involving affordability as a linkage
14:30-14:40	Liquan Song, Shuying Zang, Lin Lin	Autumn freeze-thaw cycles stimulate soil N ₂ O emissions in permafrost peatlands of the Da Xing'an Mountains, Northeast China
14:40-14:50	Jianqin Wang	Suitable chemical fertilizer reduction mitigates the water footprint of maize production: Evidence from Northeast China
14:50-15:00	Jie Yang	Effect of the spatiotemporal variation of the vegetation NPP on the vegetation net carbon sink
15:00-15:10	Mengna Zhang, Yong Ao	Study on the relationship between economy and ecology of Pearl River Delta Urban Agglomeration Based on EF-NPP
15:10-15:20	Gulomjon Umirzakov	Hydrological response to different time series of meteorological drought: An assessment of the standardized precipitation index in Chirchik river basin of Western Tian-Shan
15:20-15:30	Shukla Acharjee, Biswajit Nath, Li Wang	Observing spatio-seasonal changes of vegetation and their responses to climatic parameters in the Brahmaputrabasin using multi-sensors processed satellite data
15:30-15:40	Zhixin Zhang	Estimation of rooftop solar potential
15:40-15:50	Adel Sepehr	From diversity to uniformity: Geographical indications resilience and collapse
15:50-16:00	Zhang, M. X. Sun, Y. W. Li, B. Wu, G. H. Wang, Y. J. Yan, R. Wang, Z. X. Shi, R. X. Yu, X. H. Liu, Chuang.	Case study of Tan Sheep on habitat protection and sustainable development of arid grassland in Huamachi Town of Yanchi, Ningxia Hui Autonomous region, China
16:00-16:10	Li Kexin	FAO Global Agriinno Challenge 2021 – Caonnecting youth-led innovation to agri-food sector: Geographical indications environment and sustainability (GIES)
16:10-16:20	Fan Zhang, Arianna Salazar Mirandaa, Fabio Duartea, Lawrence Vale, Gary Hack, Yu Liu, Michael Batty, Carlo Ratti	Urban visual intelligence: Perceiving cities with AI and street-level imagery

Room E**Room ID: 852 9281 1629 Password: 866769****Session 12:****Remote Sensing for Coastal Management and Sustainability****Session Chairs: Hua Su, Aizhu Zhang, Wenting Wu**

Time	Author	Paper Title
13:30-13:40	Mingming Jia, Zongming Wang	Rapid, robust, and automated mapping of tidal flats in China using time series Sentinel-2 images and Google Earth Engine
13:40-13:50	Rahul Sharma, Shashikant Patel, Ashish Kumar Pradeep K. Litoria, Brijendra Pateriya	Shifting in Active River Channel of the Satluj River in Punjab, India: Based on multi date remotely sensed data
13:50-14:00	Wenting Wu, Zhaoqing Yang, Chunpeng Chen, Bo Tian	Tracking the environmental impacts of ecological engineering on coastal wetlands with numerical modeling and remote sensing
14:00-14:10	Lijuan Yang	Harmonization of Standards and China's Value-Added Exports in GVCs
14:10-14:20	Swe Zin Aye, Khaing Le Win	An assessment on the changes of crops cultivation in Maubin Township
14:20-14:30	Hongsheng Zhang	Remote sensing of mangroves in Hong Kong
14:30-14:40	Peng Yu	A study of typhoon wind speed using dual-polarization Sentinel-1 SAR data
14:40-14:50	Mansa Dey, Debajit Datta	Integrating multi-sensor datasets for estimating above ground biomass of a tropical coastal wetland of Eastern India
14:50-15:00	Zhao Pengfeng	The spatial distribution form and regional type division of Xinjiang villages
15:00-15:10	Bumairiyemu Maimaiti, Nuermaiti Aierken, Qianli Chen	Urban spatial expansion and its coupling and coordination relationship with ecosystem service value of Kashgar City
15:10-15:20	Miao Huang, Zichen Wang, Xinhao Pan, Binghua Gong, Mengzhao Tu, Zhifeng Liu	Delimiting China's urban growth boundaries under localized shared socioeconomic pathways and various urban expansion modes
15:20-15:30	Dehao Kong	Study on temporal and spatial variation characteristics of surface temperature in Xinyang City from 2000 to 2018 based on MODIS data

Room F**Room ID: 842 2355 6265 Password: 903431****Session 13:****Geography and Security****Session Chair: Gang Li**

Time	Author	Paper Title
13:30-13:40	Emmanuel Garcia	The role of participatory 3-dimensional mapping in disaster risk reduction and management
13:40-13:50	Qing Pei, Mengyuan Qiu	Comparative analysis on epidemics in historical China and Europe: Impacts of Climate Change, Economic Well-Being, and Population
13:50-14:00	Xuan Ye	Study of spatial relationship between vegetation restoration and ecosystem services in the Northern Shaanxi
14:00-14:10	Xingxing Wang, Gang Li, Dongyan Kong, Xing Gao, Shuo Wang, Chenxi Feng	The locust plague in the Yangtze River Delta during the Ming and Qing Dynasties
14:10-14:20	Jiahui Xu, Gang Li, Dandan Hong, Junjun Zhou, Yushan Huang	The death penalty criminals for human trafficking in China: Evidence from sentencing documents
14:20-14:30	Qiushan Li	How post-disaster recovery and reconstruction affects the urban landscape: A case study of the Wenchuan earthquake-stricken area
14:30-14:40	Amandeep Singh, Dr. L. T. Sasang Guite	Profiling of communicable and non-communicable diseases (2013-2018) in Bathinda District Punjab India: A spatio-temporal analysis
14:40-14:50	Jiaojiao Bian, Wanxu Chen, Jie Zeng	Ecosystem services, landscape pattern, and landscape ecological risk zoning in China
14:50-15:00	Tianci Gu, Wanxu Chen, Jie Zeng	Impacts of construction land expansion on farmland fragmentation in China, 2000–2020
15:10-15:20	Zhi Qu	The impact of human footprint and climate change on landscape ecological risk: A case study of Loess Plateau, China

Room G

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Session 14:

Belt and Road Initiate and China's Oversea Investment

Session Chairs: Yutian Liang, Zhouying Song, Yuefang Si

Time	Author	Paper Title
13:30-13:40	Yonglong Cai, Fenghua Pan	The expansion of Chinese banks along the routes of the Belt and Road Initiative: Following customers and geopolitical relations
13:40-13:50	Shangqian Li, Yutian Liang, Zuolin Yao, Jiaqi Zeng, Tianbang Wu	Examining the impact of the multidimensional accessibility on regional poverty in Laos
13:50-14:00	Zhouying Song, Jessica Dicarlo	China Laos Railway
14:00-14:10	Gao Boyang, Liu Weidong, Song Tao Feng Rui, Ji Qidi	Multi-scalar embeddedness amid social change and institutional cultural constraints: A case study of Chinese investment in Letpadaung, Myanmar
14:10-14:20	Wang Shufang, Sun Shikuan	Assemblage mode of China's overseas investment projects: A case study of China-Laos railway
14:20-14:30	Mengyao Han	Unveiling China-Pakistan solar park model towards low-carbon transition
14:30-14:40	Liang Yutian, Zeng Jiaqi, Kuik Cheng-Chwee, Zhou Zhengke, Zhou Keyang	Policy transfer and scale reconstruction of China's overseas industrial parks
14:40-14:50	Ruilin Yang, Harald Bathelt (Toronto)	China's outward investment activity: Ambiguous findings in the literature and empirical trends in greenfield investments
14:50-15:00	Zheng Lei	The sustainable economic development of Ussuriysk Economic and Trade Cooperation Zone from the perspective of evolution
15:00-15:10	Yue-Fang Si	Location, Knowledge and Network of Chinese R&D Centers: The case of Huawei
15:10-15:20	Soniya Falahatdoost, Xingping Wang	Enhancing Iran's regulatory framework for sustainable smart city development

Room S

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Time	Content	
16:20-16:35	Closing (Chair: Prof. Li He)	Report and Summary of the Workshop (Prof. Min Chen)
		Excellent Paper Award Announcement (Prof. Guoyou Zhang)