



The 2nd Workshop of Asian Young Geographers

Program Book

December 17th - 18th, 2022

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Workshop Introduction

The Sustainable Development Goals (SDGs) launched by the UN in 2015 are a universal call to action to protect the planet and improve the lives and prospects of everyone in the world. The 17 goals aim to address the global challenges we face, including poverty, food security, clean water, inequality, climate change, environmental degradation, peace, and justice.

Asia, the most potential continent with largest population has made numerous achievements in various aspects, such as the poverty elimination campaign and the SDGSAT-1 launched by China. However, suffering from COVID-19 pandemic, extreme temperature, geological hazard and other disastrous events, the region still faces many challenges to be overcome in many aspects of SDGs. Geography provides a local to global perspective and offers important theories, methodologies, models, and data that can support the achievement of the SDGs.

In order to promote the innovative development of geography and better serve the strategic needs of sustainable development of human society, The Young Geographer Working Group of Asian Geographical Association (AGA-YGWG) plans to host “The 2nd Workshop of Asian Young Geographers” (online) on December 17-18, 2022. The workshop welcomes broad topics addressing Asia’s challenges of human society and sustainable development.

Young researchers, scholars, and graduate students in global geography and related disciplines are welcome to participate and present their cutting-edge research outcomes.

Overall Schedule

日期	时间	内容
12.17	11:00-11:20	Opening
	11:20-14:00	Keynotes
	14:30-18:00	Parallel Sessions
12.18	11:00-12:30	Keynotes
	14:00-17:30	Parallel Sessions
	17:30-17:50	Excellent paper award and closing

Young Geographer Working Group of Asian Geographical Association (AGA-YGWG)

The Asian Geographical Association (AGA) is an international, non-governmental, non-political and non-profit scientific organization, whose principal objectives are to stimulate the development of geography in Asia, to advance research and educational activities in all fields of geography in Asia, to promote the dissemination of knowledge of geography in education, business and governmental organizations across Asia and to improve communication and facilitate cooperation among institutions in member countries. The AGA was formally established in Guangzhou, China at the 4th Asian Conference on Geography in 2018, in order to promote development of geography in Asia. The AGA fulfils its aims through establishment of working groups, organizations of international conferences (Asian Conference on Geography, abbreviated to ACG), publication of academic and educational activities and information exchanges. Membership of the AGA is normally by countries and regions. At present, 24 countries and regions of Asia are affiliated to the AGA through their national member societies. The activities of the AGA are steered by its Council and its Executive Committee.

Young Geographer Working Group (YGWG) of Asian Geographical Association (AGA) is established in 2019. The working team will develop a medium-term research agenda for the working group, which will serve as the guideline for working group events and for community members to share ideas and research findings. Specifically,

- Develop and maintain connections and joint efforts with other AGA groups as well as other related GIScience and geographic academic organizations.
- Organize special sessions and workshops in AGA conferences as well as other GIScience, or geography conferences, in accordance with the research agenda.
- Collaborate with commissions within AGA or other academic associations to organize joint workshops on topics of shared interest.

The website of AGA-YGWG is <http://www.aga-ygwg.com/>, and at current time around 260 members from over twenty countries and regions have joined in AGA-YGWG. Welcome all of you to join in the near future.

The IGU Task Force for Young and Early Careers Geographers (IGU-YECG)

The IGU Young and Early Career Geographers' Taskforce (IGU-YECG) was launched on 22 August 2016 at the International Geographical Congress in Beijing, China. The Taskforce is currently composed of five members, and has representation from Asia, Europe, South America and Africa. The taskforce aims to promote career development for early career geographers, stimulate international and inter-generational research conversations between geographers, and elevate the achievements of early career geographers around the world.

The YECG Taskforce has five strategic areas of work. These include:

- Hosting training and networking events at relevant platforms, for example, IGU annual conferences and other international geography conferences.
- Provide opportunities for early career participation through paper and poster competitions, field visits, summer/winter schools.
- Building publicity for the achievements of individuals who have made a novel/high impact and contribution (i.e., through awards for the best PhD)
- Creating feedback channels to strongly raise issues/problems faced by young and early career researchers in different parts of the world. This is done through building connections with other IGU commissions and other early career initiatives around the world
- Developing online resources and a platform by setting up email list, member and mentor database, jobs database, social media, webpage

The IGU-YECG has pioneered “Young and Early Career Scholar Awards” at IGU Conferences, organized paper and poster sessions at every IGU event since its inception, published a Special Issue on “Geospatially and Sustainable Development Goals” in the *Journal of Geography, Environment and Sustainability* (official journal of Russian Geographical Society) with contributions from early career researchers, and recently initiated a Working Group on “Geography and Sustainability” in collaboration with

IGU Commission on Geography for Future Earth and the Journal of Geography and Sustainability. Geography is a discipline that brings together researchers and holds the keys to understanding our planet and tackling some of the critical environmental, developmental, and social challenges we face today. IGU-YECG is committed to empowering and nurturing future leaders in geography by working together with academic mentors, early career scholars and groups who similarly recognize the importance of geography. If you are interested in IGU-YECG future activities, please subscribe to mailing list and become a member. For more information, please see IGU-YECG website at <https://igu.younggeographers.org/>.

Working Committee for Young Geographers of Geographical Society of China (GSC-WCYG)

The Working Committee for Young Geographers of Geographical Society of China (GSC-WCYG), established in 1986, is an academic organization affiliated to the Geographical Society of China. GSC-WCYG aims to build a platform for effective academic exchanges and academic activities for young geographers, and to serve the cultivation of young geographers and innovation in geography. We advocate good academic norms and academic ethics, consolidate the professional thinking of young geographers, and carry forward the scientific spirit of truth-seeking, innovation, collaboration, and dedication. We encourage cooperation and communication between different groups from different geographic regions to break the barriers of interdisciplinary research, which aims to solve complex global and regional-scale scientific problems. We also aim to represent the interests of young and early career geographers at the GSC-WCYG. The key point is to stimulate young geographers in GSC-WCYG activities. At the present, GSC-WCYG has more than 50 individual members, who are geographical workers from research institutes, colleges and universities, middle schools and governmental agencies from all over China. Since 1986, GSC-WCYG has hosted a total of 17 the National Academic Seminars for Young Geographic Workers in Beijing, Nanjing, Guangzhou, Changchun, Shanghai, Ningbo and other places. In addition, it has hosted the China-Japan-Korea Joint Conference on Geography, National Academic Debate Competition for Young Geographic Workers, Youth Geography Academic Salon, Youth Geography Column of Geography Journal, Youth Talent Support Project, etc.

The Young Scientist Innovation Network of International Society for Digital Earth (ISDE-YSIN)

The Young Scientist Innovation Network (YSIN) of International Society for Digital Earth (ISDE) aims to promote the development of crucial concepts and innovative technologies of the Digital Earth and contribute the power of young scientists for the Sustainable Development, the Future Earth, and other significant scientific programs. The overall goal is to focus on serving innovation and development in the field of Digital Earth, unite young scientists and support their academic innovation, as well as organize international academic exchange seminars.

The Mission of YSIN-ISDE

- (1) Develop and maintain connections and joint efforts with other ISDE groups as well as other related GIScience and geographic academic organizations.
- (2) Organize special sessions and workshops in ISDE conferences as well as other GIScience, or geography conferences, in accordance with the research agenda.
- (3) Develop ISDE education and empower young scientists to broaden their innovative thoughts.
- (4) Establish the ISDE Young Scientist Awards to recognize young scholars with outstanding contributions in the field of Digital Earth, to inspire young talents to pursue Digital Earth research.

The Key Laboratory of Virtual Geographic Environment

The Key Laboratory of Virtual Geographic Environment (VGE Key Lab), Ministry of Education of PRC, was established on a fundamental principle, which is, “rooted in geography, serving the geography, and developing the geography”. The VGE Key Lab has devoted itself in comprehensive study of geographical environment and achieved national first-class discipline of geography. Together with the support of other Jiangsu key labs in the school, such as Jiangsu Key Laboratory of Environmental Evolution and Ecological Construction, Key Laboratory of Geographical Information Science, Jiangsu Center for Collaborative Innovation in Geographical Information Resource Development and Application, the VGE Key Lab made significant contribution in developing the theory, method, platform and application of virtual geographical environment. This has provided an important base for scientific research of geography, new methods and technology research, and high-level personnel training in China. The laboratory also made crucial breakthrough in a number of fields, such as revealing the geographical environment process and evolution mechanism, theory and methods of virtual geographical environment, geographic system modeling and simulation, among many others. The VGE Key Lab was ranked the first place in the Key Laboratory (Geography) assessment of the Ministry of Education in 2015.

Established in 2005, the VGE Key Lab has produced 9 publications on Nature and Science, 3 papers on PNAS. The research staffs in the laboratory received more than one hundred funding supports from 973 and 863 projects, and the NSF fund. Scholars of the lab received 4 honor titles for national scientific progress prizes, more than 20 honor titles for provincial and ministerial awards and industry awards. They also published over 40 academic monographs and 15 teaching materials, applied for 150 national invention patents.

The laboratory has a number of first-class faculties. The faculty includes one PI of the national “Thousand Talents program of China”, three PIs of “NSF for distinguished Young Scholars of China”, two “Yangtze River distinguished scholars”, one member of the “state council of discipline review group”, one national famous teacher and the PI

of “Ten Thousand Talent Program”, three are selected as winner of the first and second levels of the “New Century Ten Million Talents Project”, three are supported by the “Program for New Century Excellent Talents in University”, one PI of the national “Thousand Talents program for Young Scholars”, two PIs of “NSF for Excellent Young Scholars of China”, two Distinguished Professor of Jiangsu Province.

The lab has a Yangtze River-scholars innovation team supported by the Ministry of Education, three Jiangsu high school outstanding science and technology innovation teams. The lab also has two national teaching teams, four national quality courses, two honors of the national teaching achievement prizes. Geographic information science was selected as the brand-specialty of Jiangsu province.

Organizers

❑ Organizers

Young Geographer Working Group of Asian Geographical Association (AGA-YGWG)

The IGU Task Force for Young and Early Career Geographers (IGU-YECG)
Working Committee for Young Geographers of the Geographical Society of China (GSC-WCYG)

The Young Innovation Network of the International Society for Digital Earth (ISDE-YSIN)

❑ Co-organizer

School of Geography, Nanjing Normal University

Key Laboratory of Virtual Geographic Environment (Nanjing Normal University), Ministry of Education of PRC

The International Research Center of Big Data for Sustainable Development Goals

Academic Committee

❑ Chair

Prof. Dahe Qin

Chinese Academy of Sciences, China

❑ Members

Prof. Kanat Baigarin

Nazarbayev University, Kazakhstan

Prof. Lai Vinh Cam

Vietnam Academy of Science and
Technology, Vietnam

Prof. Fahu Chen

Chinese Academy of Sciences, China

Prof. Ahmet Ertek

Istanbul University, Turkey

Prof. Chul Sue Hwang

Kyung Hee University, Republic of Korea

Prof. Guonian Lü

Nanjing Normal University, China

Prof. Michael Meadows

University of Cape Town, South Africa

Prof. Yuji Murayama

University of Tsukuba, Japan

Prof. Suresh Chand Rai

University of Delhi, India

Prof. Changlin Wang

Chinese Academy of Sciences, China

Prof. Linwang Yuan

Nanjing Normal University, China

Prof. Guoyou Zhang

Chinese Academy of Sciences, China

Organizing Committee

❑ Chairs

Prof. Min Chen	Nanjing Normal University, China
Dr. Komali Yenneti	University of Wolverhampton, UK
Prof. Erfu Dai	Chinese Academy of Sciences, China

❑ Co-Chairs

Ms. Xuanzi Zhang	The Asian Geographical Association
Prof. Li He	Xi'an Jiaotong University, China
Dr. Gaurav Sikka	Lalit Narayan Mithila University, India
Prof. Jiangbo Gao	Chinese Academy of Sciences, China
Dr. Zhen Liu	Chinese Academy of Sciences, China

❑ Members

Dr. Vu Thi Bac	Vietnam National University Ho Chi Minh City, Vie Vietnam
Mr. Berkehan Bakir	Istanbul University, Turkey
Prof. Suh-hee Choi	Kyung Hee University, Republic of Korea
Prof. Debajit Datta	Jadavpur University, India
Prof. Xing Huang	South China University of Technology, China
Prof. Gang Li	Northwest University, China
Prof. Wei Luo	National University of Singapore, Singapore
Dr. Dhritiraj Sengupta	East China Normal University, China
Prof. Gulomjon Umirzakov	National University of Uzbekistan, Uzbekistan
Prof. Zhuo Wu	Guangzhou University, China
Prof. Hao Wu	Central China Normal University, China

Keynote Speakers

Dec 17



11:20 – 11:50

Prof. Fahu Chen

Academician, Chinese Academy of Sciences (CAS)

Institute of Tibetan Plateau Research, CAS

President, Geographical Society of China

**Trans-Eurasia Exchange and climate change along
the Silk-Road**

Fahu Chen is Academician of Chinese Academy of Sciences (CAS) elected in 2015, The Member of the World Academy of Sciences (TWAS) elected in 2016, a research professor and director of Institute of Tibetan Plateau Research, CAS. He is President (2019-2023) and Fellow of the Geographical Society of China, and vice chair of Environment Evolution Commission of IGU since 2012. He was chairman of Rapid Climatic Changes in the Central-Asia's Dryland under INQUA (INQUA RACHAD Working Group, 1999-2007), and now is vice presidents of China Society on Tibetan Plateau, and China Quaternary Research Associate. His scientific work involves Quaternary environmental changes (especial during Holocene), climate changes, environmental archeology, loess record, desert evolution and palaeolimnology with special focus on paleoenvironmental reconstruction, human-environment interactions in Arid Central Asia and the Tibetan Plateau. He has published more than 680 papers in peer-reviewed journals of both English and Chinese with more than 410 papers published in SCI journals such as Nature, Science, NCC, NC, NS, PNAS, which are cited more than 18400 times by papers of SCI journals with H index of 67, and carried on numerous projects from China National Natural Science Foundation, Ministry of Science and Technology, Chinese Academy of Science, and Ministry of Education.



11:50 - 12:20

Prof. Jiang Xu

Chinese University of Hong Kong

Editor in Chief, *Asian Geographer*

**Asian Geographer: Your Place in an Asia's World
Journal**

Jiang Xu is Associate Dean (Research), Faculty of Social Science, professor in Department of Geography and Resource Management, The Chinese University of Hong Kong. Professor Xu was a practitioner in an international consulting firm with work experience in China and Canada, immediate past President of Hong Kong Geographical Association, Council Member of International Geographical Union (IGU), and Chairperson, China Specialty Group of American Association of Geographer (AAG). She is now a policy advisor to both Hong Kong and mainland governments, Council Member of Asian Geographical Association, Funding Reviewer for European Union Funding for Research and Innovation, Panel Member of Hong Kong Research Grants Council for Self-financing Sector, and Editor-in-Chief of *Asian Geographer*. Her main areas of specialization are in critical urban and regional studies. She received a number of research awards including the Research Output Prize of The University of Hong Kong and the Research Excellence Award of The Chinese University of Hong Kong, and the Annual Best Paper Award, International Development Planning Review. She has published on top international journals such as *Urban Studies*, *Annals of the American Association of Geographers*, *International Journal of Urban and Regional Research*, *The China Quarterly*, *Environment and Planning A*, *Environment and Planning C*, *Urban Geography*, *Town Planning Review*, and *Transactions of the Institute of British Geographers*.



12:30 – 13:00

Dr. Kazumasa Hanaoka

Department of Geography, Ritsumeikan University

**Mobile phone big data and the COVID-19
pandemic**

Kazumasa Hanaoka is an associate professor in the Department of Geography, Ritsumeikan University. At present, he is appointed as the Director of the Institute of Disaster Mitigation for Urban Cultural Heritage, Ritsumeikan University. His main research areas are human geography and geographic information science, in particular spatial analysis using big data. His research activities cover a number of topics related to spatial microsimulation modeling, spatio-temporal modeling using mobile phone data, and census data analysis on the migration in Japan and Australia.



13:00 – 13:30

Dr. Martin Stefan Brandt

Associate Professor, University of Copenhagen

Continental scale mapping of tree-level carbon stocks

Martin Brandt received his PhD from the University of Bayreuth, Germany in 2014. He works as Associate Professor at the University of Copenhagen since 2015. His major fields are remote sensing and physical Geography, and his work concentrates on the monitoring of vegetation dynamics, with a special focus on West Africa and Southern China. Martin Brandt's research is breaking new ground, with 20+ manuscripts published in Nature/Science journals since 2018 (5 as first author). His recent work was the first applying deep learning on hundreds of thousands of sub-metre satellite images to map billions of individual tree crowns in desert areas that were often assumed as free of any trees. In 2020, he received an ERC starting grant to study trees outside forests at global scale.



13:30 – 14:00

Dr. Prajal Pradhan

Senior Scientist, Potsdam Institute for Climate
Impact Research

**Going beyond Sustainable Development Goals for
transformation towards long-term sustainability**

Prajal Pradhan studied agricultural engineering and environmental management. He was a lead author of the IPCC Special Report on Climate Change and Land and a contributing author of the AR6 IPCC WG III Report and the AR6 IPCC WG II Report. Prajal has experience in developing relevant research on climate change and sustainable food systems. He is an expert in food system emissions, food security, climate change, and sustainable development goals (SDGs). His research focuses on understanding urban transformations, investigating impacts of climate change, and identifying SDG interactions.

Dec 18



11:00 – 11:30

Dr. Jie Huang

Associate Professor, Institute of Geographic Sciences
and Natural Resources Research, CAS

**Revisiting transport resilience: findings from
travel behavior analysis**

Dr. Jie Huang is an Associate Professor in the Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences. She holds an undergraduate degree from Central South University and a PhD from the University of Leeds, UK. She was a visiting scholar in the University of Minnesota, Twin Cities, US. Her research interests lie in the field of transport geography, and more specifically big data and travel behaviour, transport development and urban spatial structures. Her selected publication can be found on international journals including PNAS, npj Urban Sustainability, Cities, and Journal of Transport Geography. She is a member from Youth Innovation Promotion Association of Chinese Academy of Sciences. She has been selected as one of Young Elite Scientists by China Association for Science and Technology. She is a committee member of Sustainable mobility and transportation work group at International Organization for Standardization.



11:30 – 12:00

Prof. Fang Chen

Institute of Remote Sensing and Digital Earth, CAS

Deputy Director-General, International Research Center of
Big Data for Sustainable Development Goals

Digital Technologies for SDGs and DRR

Dr. Fang Chen is the Deputy Director General of the International Research Center of Big Data for Sustainable Development Goals (CBAS), and a Professor of the Chinese Academy of Sciences (CAS) Aerospace Information Research Institute. He is also serving as the Secretary-General of Integrated Research on Disaster Risk (IRDR) Chinese National Committee, the Executive Deputy Director of the CAS-TWAS Centre of Excellence on Space Technology for Disaster Mitigation (SDIM), and the member of World Federation of Engineering Organizations Committee on Disaster Risk Management (WFEO-CDRM). Dr. Chen is the co-author of the CAS annual report on Big Earth Data in Support of the SDGs, which was submitted to the UN General Assembly during its 74th and 75th session. He is the chief scientist of Digital Belt and Road Platform of CAS Big Earth Data Program (CASEarth), which provides the cloud service in support of data sharing and SDGs policy-making. His current work focuses on adapting Big Earth Data technologies to meet the SDGs assessment needs (mainly for SDG 11 and SDG 13) of developing countries including Nepal, Thailand and Small Island Developing States (SIDS). Dr. Chen has published over 100 academic papers and book chapters and was elected to the CAS “Hundred Talent Program” in 2011 and the TWAS Young Affiliate Fellow in 2014.



12:00 – 12:30

Prof. Narendra Raj Khanal

Tribhuvan University

Past President, Nepal Geographical Society

**Mountains of Asia with focus on development
issues in Nepal Himalayas**

Dr. Narendra Raj Khanal served for almost 36 years in the Central Department of Geography, Tribhuvan University Nepal as Professor and worked as the head of the department for 2 years. He retired from University job in 2018. He also served as president of Nepal Geographical Society. He also worked as consultant in the field of disaster risk management for the government of Nepal with support from World Bank, ADB, GEF, UNEP, UNDP. He worked as consultant in International Centre for Integrated Mountain Development. He has worked as team leader/coordinator in several research projects. Prof. Khanal also involved in Vulnerability Assessment of Meteorological Flash Floods in Poiqu/Bhotekoshi/Sunkoshi Watershed in collaboration with the Asian International Rivers Center, Yunnan University, Kunming, China and Climate Change Adaptation through Water Resource Management: Comparative Study between Yellow and Koshi River Basins in collaboration with Research Centre for IRBM Peking University, China. Both the projects were supported by ICIMOD under the Abu Dhabi Dialogue Knowledge Forum Small Grants Programme (ADDKF-SGP) of the World Bank. He also worked as Visiting Professor in the Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, China under the Presidential Fellowship Program of Chinese Academy of Sciences. He is involved in several research projects. His area of expertise is in mountain environment, multi-hazard and risk assessment.

Room S

Zoom ID: 849 2850 2860, Password: 988721

Opening Ceremony and Keynotes

Time	Content		
11:00-11:20	Opening Ceremony (Chair: Prof. Min Chen, Nanjing Normal University)		
	Welcome Speech	Prof. Yuji Murayama	Emeritus Professor, University of Tsukuba Vice President of the Asian Geographical Association
		Prof. Michael Meadows	Senior research scholar, University of Cape Town President of the International Geographical Union
		Prof. Erfu Dai	Professor, Institute of Geographic Sciences and Natural Resources Research, CAS Chair of GSC Working Committee for Young Geographers
		Prof. Changlin Wang	Professor, Aerospace Information Research Institute, CAS Secretary General, International Society for Digital Earth
	Invited Speaker	Title	
11:20-11:50	Prof. Fahu Chen	Trans-Eurasia Exchange and climate change along the Silk-Road	
11:50-12:20	Prof. Jiang Xu	Asian Geographer: Your Place in an Asia’s World Journal	
12:20-12:30	Tea/Coffee Break		
	Chair: Prof. Li He, Xi’an Jiaotong University		
12:30-13:00	Dr. Kazumasa Hanaoka	Mobile phone big data and the COVID-19 pandemic	
13:00-13:30	Dr. Martin Stefan Brand	Continental scale mapping of tree-level carbon stocks	
13:30-14:00	Dr. Prajal Pradhan	Going beyond Sustainable Development Goals for transformation towards long-term sustainability	

Room 1

Zoom ID: 834 5252 0997, Password: 773110

Session 1: Promoting Collaboration and Visualization in Geographic Modeling

Session Chairs: Dr. Weilian Li, Dr. Zaiyang Ma

Time	Author	Paper Title
14:30-14:40	Yuanqing He	A web-based strategy to reuse grids in geographic modeling
14:40-14:50	Fengyuan Zhang	Interoperable Engine Design for Geo-analysis Model Sharing between OpenGMS and BMI
14:50-15:00	Yufeng He	Processes and events in the center: a taxi trajectory-based approach to detecting traffic congestion and analyzing its causes
15:00-15:10	Dajiang Wang	Visualization Research of Digital Terrain Model based on Super-resolution Technology
15:10-15:20	Zhuolu Wang	Landslide Susceptibility Evaluation Based on Deep Learning Under Small Sample Condition
15:20-15:30	Jianlin Wu	A dynamic holographic scene construction method for a bridge construction digital twin
15:30-15:40	Zhiyi Zhu	Reference description for Recording a Geographic Simulation-based Experiment
15:40-15:50	Yuk Guo	A spatiotemporal conceptual graph-guided 3D visual dynamic representation of flood education knowledge
15:50-16:00	Dingwang Zhou	Evaluation of evapotranspiration partitioning methods for water accounting: a case study in the Heihe River Basin
16:00-16:10	Qing Tian	Database Construction of Chinese Historical Place Name Variants
16:10-16:20	Lin Fu	Fast estimation method of volumes of landslide deposit by the 3D reconstruction of smartphone images
16:20-16:30	Yiming Zhao	Studying the method of creating a collaborative tool focused on geographic simulation

16:30-16:40	Qingbin Chen	A Containerized Network-oriented Model Sharing Strategy and Reuse Approach
16:40-16:50	Yijie Wang	A Service-Oriented System for Integrating and Sharing Heterogeneous Earth System Scientific Data
Room 2 Zoom ID: 885 3947 6855, Password: 284936 Session 2: Climate Risks and Their Implications for Asian Societies Session Chairs: Dr. Sawaid ABBAS, Dr. Rui Zhu		
Time	Author	Paper Title
14:30-14:40	R. S. Ajin	Assessment of landslide susceptibility of the Western Ghats region in Thiruvananthapuram district (Kerala, India) employing the F-AHP model
14:40-14:50	Jizhou Bai	Predicting soil conservation service in the Jinghe River Basin under climate change
14:50-15:00	Dingyuan Liang	Variations of Secondary PM2.5 in an Urban Area over Central China during 2015-2020 of Air Pollutant Mitigation
15:00-15:10	Muhammad Nasar-u-Minallah	Understanding the Association between Landscape Changes and Surface Urban Heat Islands (SUHI) for Sustainable Urban Environment of Lahore-Pakistan
15:10-15:20	Nosheen Akhter	An Experimental Study to Assess the Possibilities of Basalt Carbonation in Pakistan
15:20-15:30	Qingyu Zhao	Increased extreme drought events in south-central China since the last century: Evidence from oxygen isotope signatures preserved in tree ring cellulose
15:30-15:40	Yaru Zhang	Spatiotemporal characteristics of population exposure to multi-scenario rainstorms in the Yangtze River Delta, China
15:40-15:50	Juraev Zuhridin	Ecofeminism topics: Water Scarcity in Remote District of Uzbekistan (Case Study)
15:50-16:00	Girish Chavadappanavar	Impact of Climate on Sugarcane Yield over Belagavi District , Karnataka Using Statistical Mode
16:00-16:10	Peng Zhang	Risk pattern of temperature extremes in China based on Visibility Graph
16:10-16:20	Samawia Rizwan	Water Allocation and Utilization System for Tarbela Reservoir under Climate Change and Irrigation Scenarios by Using Weap Model
16:20-16:30	Dhanya P	Strengthening Community and Ecosystem Resilience through weather and climate services: Case Study of Parambikulam Aliyar River Basin, South India
16:30-16:40	Abhishek Banerjee	Climate change and its adverse impacts on mountain environment
Room 3 Zoom ID: 873 0723 2125, Password: 963306 Session 3: Water Resources Issues, Management, and Planning Session Chair: Dr. Seema Rani		
Time	Author	Paper Title
14:30-14:40	Mithun Dutta	Assessing Hydro-Morphological Changes in Lower Padma Considering Integrated Water Resources Management
14:40-14:50	You Tu	Estimating evapotranspiration effects from vegetation restoration and climate change
14:50-15:00	Yuqing Chang	Response of soil moisture to vegetation restoration: A review and bibliometric analysis
15:00-15:10	Jitao Zhou	An approach to selecting suitable input data for SWAT model to improve simulation accuracy
15:10-15:20	Inusha Botheju	The Impacts of Groundwater Quality from Domestic Liquid Waste in Katana, Sri Lanka

Note: We follow GMT+8 time zone. Please join in the 2nd Workshop of Asian Young Geographers by ZOOM (<https://zoom.us/>).

15:20-15:30	Gulomjon Umirzakov	Mass Balance Changes of the Barkrak Glacier under the Influence of Climatic Factors and its Contribution to the Runoff Formation
15:30-15:40	Zhe Zhang	International rivers as national borders: the complex border river governance on the Khorgos river in China
15:40-15:50	Sheng Yan	Global Runoff Signatures Changes and Their Response to Atmospheric Environment, GRACE Water Storage, and Dams
15:50-16:00	Bijaya Bhattacharya	Manu River Bankline Change and its Impact on Land Use of Fatikroy Mouza, Tripura, India-Since 1968
16:00-16:10	Eslem Sarıkaya	Water Crisis in Asia

Room 4

Zoom ID: 892 1984 5949, Password: 552966

Session 4: Big Earth Data in Environment Management and Disaster Control

Session Chairs: Dr. Siqin Wang, Dr. Xiao Huang

Time	Author	Paper Title
14:30-14:40	Zhaoyin Liu	Long-term Association between NO ₂ and Human Mobility: A Two-year Spatiotemporal Study during the COVID-19 Pandemic in Southeast Asia
14:40-14:50	Xiao Huang	Estimates of exposure to the 100-year floods in the conterminous United States using national building footprints
14:50-15:00	Bin Chen	Urban greenspace exposure and inequity assessment using geospatial big data
15:00-15:10	Moein Hemmati	Investigation of paleoclimate of Tehran, Iran, via big data analysis
15:10-15:20	Paulina Wong Pui Yun	A mixed-method to assess air quality measures and their urban quality of life impact in Hong Kong
15:20-15:30	Reza Naghedi	A scalable flood resilience framework based on AI-enabled lowest-floor-elevation evaluation from street view images
15:30-15:40	Siqin Wang	Nexus of heat-vulnerable chronic diseases and heatwaves mediated through tri-environmental interactions: a nationwide fine-grained study in Australia

Room 5

Zoom ID: 894 1895 0296, Password: 948451

Session 5: Geospatial Technology Advancing Public Health and Social Sciences

Session Chairs: Prof. Li He, Prof. Peng Nie, Prof. Xin Qi

Geography of Security

Session Chair: Prof. Gang Li

Time	Author	Paper Title
Geospatial Technology Advancing Public Health and Social Sciences		
14:30-14:40	Baoyan Han	Public attitudes towards COVID-19 vaccination and its uptake
14:40-14:50	Deepak Moda	Geographical Analysis of Performance of Mgnrega-2005 in the Indian State of Haryana
14:50-15:00	Hongen Wang	Association Rule Mining Method Based on the Similarity Metric of Tuple-Relation in Indoor Environment
15:00-15:10	Lingfeng He	Spatial Equity of PM _{2.5} Exposure: A Spatial Analysis Using Mobile Phone Big Data
15:10-15:20	Guoxi He	The Spatial Exploration of Depression Symptoms, Role Stress and Social Support of Chinese Social Workers
15:20-15:30	Shurui Gao	Spatial distribution and influencing factors among middle-aged and elderly patients with cardiovascular disease

15:30-15:40	Meenu	Analysing the Physical Performance of Mgnrega, 2005: a Block-level Study in Rohtak District of Haryana, India
15:40-15:50	Shenglan Ma and Junlin Huang	Carbon Balance Simulation Model and Technical Framework under “Dual Carbon” Target
15:50-16:00	Pallavi Chande	Initiating a Disaster Information System (DIS) to analyse and mitigate the footprints of disasters in Greater Mumbai
16:00-16:10	Yuxuan Zhou	Cross-Regional Analysis of the Association Between Human Mobility and COVID-19 Infection in Southeast Asia During the Transitional Period of “Living with COVID-19”
16:10-16:20	Peilong Ma	Fine-grained PM2.5 retrieval model based on multi-source data and its application
Geography of Security		
16:20-16:30	YuShan Huang	Trajectory change and the identity reconstruction of parents searching for missing and trafficked children in the light of life course theory
16:30-16:40	Shuo Wang	River system changes and locust breeding area evolution in the Qin-Jin region of the Yellow River Basin during the Ming and Qing dynasties and their disaster effects
16:40-16:50	Chenxi Feng	Spatio-temporal evolution, climatic response and social impacts of locust breeding areas from 618 to 1949 in Cangzhou, Hebei, China
16:50-17:00	Lixing Zhang	Spatial distribution characteristics and ecological risk assessment of soil heavy metals in the slope irrigated with treated water of mine
17:00-17:10	Charhay	Spatial and Temporal Patterns, Influencing Factors, and Prevention and Control Measures of Human Trafficking in Southwest China
17:10-17:20	Avadhesh Kumar Meena	Cybercrime as a Threat to the Sustainable Development in India: a Case Study of the Nuh District of Haryana, India

Room 6

Zoom ID: 867 6285 1042, Password: 404014

Session 6:**Geospatial Sciences for land Management**

Session Chairs: Prof. Xufeng Cui, Dr. Fengyuan Zhang, Prof. Fei Li

Time	Author	Paper Title
14:30-14:40	Liang Zhuang	Sprawl rather than agglomeration: The multi-scale spatial patterns and industrial characteristics of varied development zones in China
14:40-14:50	Weiwei Zheng	Optimal allocation of cropland requisition-compensation based on food security and ecological protection: a multiscale administrative perspective
14:50-15:00	Wei Cai	Comprehensive Evaluation of Intensive Land Use Level in Major Cities
15:00-15:10	Ting Luo	Spatial and temporal characteristics of cropland abandonment risk in China
15:10-15:20	Yamin Fan	Probabilistic risk assessment of heavy metals in mining soils based on fractions
15:20-15:30	Li Fan	Analysis of spatial differentiation characteristics and influencing factors of erosion indicators of the Tableland slope
15:30-15:40	Lili Zhang	Research on the Value of “Two Mountains” Based on the Spatial Balance of the Land —— A Case Study of Karst-Beibu Gulf in Southwest Guangxi, China
15:40-15:50	Ruci Wang	Exploring the Spatial Impacts of Three-Dimensional Building Composition on Surface Urban Heat Island
15:50-16:00	Zhang Ya	Impacts of rural-out migration on regional carbon density change and food security: a case study of the Wudinghe River Basin
16:00-16:10	Huang Wei	Rural e-commerce from scattered points to networks: Experience from China’s Taobao towns
16:10-16:20	Zhu Gejing	Spatio-temporal characteristics and influencing factors of sloping farmland in

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		China
16:20-16:30	Jintao Yuan	Slope-climbing of cropland and its effects in China

Room S

Zoom ID: 849 2850 2860

Password: 988721

Keynote

Chair: Prof. Zhuo Wu, Guangzhou University

Time	Invited Speaker	Title
11:00-11:30	Dr. Jie Huang	Revisiting transport resilience: findings from travel behavior analysis
11:30-12:00	Prof. Fang Chen	Digital Technologies for SDGs and DRR
12:00-12:30	Prof. Narendra Khanal	Mountains of Asia with focus on development issues in Nepal Himalayas
12:30-14:00	Tea/Coffee Break	

Room 1

Zoom ID: 834 5252 0997, Password: 773110

Maritime Sustainable Development**Session 7:**

Session Chairs: Prof. Mohammed Yoser, Prof. Mohamed Maiyas

Monitoring Ecosystem Structure and Function

Session Chair: Dr. Anwar Eziz

Time	Author	Paper Title
Maritime Sustainable Development		
14:00-14:10	Mohammad Ali Humran	Yemen maritime spatial strategic and sustainable development for islands to enhance the production of fisheries and marine life in the Red Sea
Monitoring Ecosystem Structure and Function		
14:10-14:20	Anwar Eziz	Comprehensive assessment of ecological water conveyance benefit with environmental quality index in lower reach of Tarim River
14:20-14:30	Alfredo Huete	Multi-satellite monitoring of dryland ecosystem function and stability to climate variability and extremes
14:30-14:40	Bumairiyemu MAIMAITI	Study on the Spatial Expansion of Urban Agglomeration on the North Slope of Tianshan Mountains Based on GEE Platform and Its Impact on the Spatial and Temporal Evolution of Ecosystem Service Values
14:40-14:50	Qiushuang Huang	Ecosystem Service Pattern Change in Tianjin Coastal Area in Recent 30 Years
14:50-15:00	Guoyu Wang	Simulation and Assessment of Soil Wind Erosion and Flow Trajectories of the Windbreak and Sand fixation Service in the Wuding River Basin, China
15:00-15:10	Juan Ma	The effect of vegetation restoration on soil organic carbon - an example from the Loess Plateau
15:10-15:20	Sun Zechong	Identification of priority protected areas in the Yellow River Basin based on ecosystem service trade-off
15:20-15:30	Heng Zhang	A spatial fingerprint of land-water linkage of biodiversity uncovered by remote sensing and environmental DNA
15:30-15:40	Osman Ilniyaz	Leaf Area Index Estimation of Pergola-trained Vineyards Based on UAV Data: A Case Study in Turpan, China
15:40-15:50	Meili Yang	Ecosystem services tradeoffs and synergies in typical farmland conversion area of the Loess Plateau: Taking Yan'an City as an example
15:50-16:00	Mengna Zhu	Spatio-temporal changes and driving factors of windbreak and sand-fixing services in the ecological security barrier of the Yellow River Basin
16:00-16:10	Han Zheng	Spatiotemporal variations in the water consumption and water-use efficiency in the Chinese Loess Plateau
16:10-16:20	Tajigul Kasimu	Contribution of climatic change and human activities on net primary productivity in the Kashgar Regime

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16:20-16:30	Haomin Wang	Assessment of grassland utilization and its ecological and productive function in the Yellow River basin (Shaanxi Section) in China
16:30-16:40	Chen Guojian, Fang Ning, Li Jianfeng, Wu Xinghua	Temporal and spatial Variation of Vegetation Phenology in the Lower Reaches of the Jinsha River Hydropower Development Area
16:40-16:50	Shidong Ge	A synthesis of carbon storage dynamics in China's urban areas
16:50-17:00	Junjun Lu	In-season nitrogen management of rice based on portable remote sensing sensor with weather data in Northeast China
17:00-17:10	Shiqin Xu	Globally assessing the hysteresis between sub-diurnal actual evaporation and vapor pressure deficit at the ecosystem scale: patterns and mechanisms
17:10-17:20	Yuan Chuan	Application and Discussion of Constructing Spatio-temporal Big Data Platform in Township-level National Territorial Spatial Planning——A Case Study in Jinkou Town, Jimo District, Qingdao

Room 2

Zoom ID: 885 3947 6855, Password: 284936

ESG Reporting and Corporate ESG Practices in China

Session Chair: Dr. Xiang Gao

Session 8: Protection of ecosystem barrier function in Qinghai Tibet Plateau

Session Chairs: Prof. Erfu Dai, Dr. Chunsheng Wu

Geo-Processes and Metacoupling Sustainability of Climate Economy

Session Chairs: Prof. Dewei Yang, Dr. Ghaffar Ali, Dr. Weijing Ma

Time	Author	Paper Title
ESG Reporting and Corporate ESG Practices in China		
14:00-14:10	Peiyao Lu	Policy effect of the “blue sky plan” on air pollution, ESG investment, and financial performance of china's steel industry
14:10-14:20	Qian Chen	Short-Term Market Reactions to ESG Ratings Onboarding Bloomberg: An Event Study in the Chinese Stock Market
14:20-14:30	Jiahao Gu	Can tourist attraction development enhance corporate ESG performance? Evidence from red tourism in China
14:30-14:40	Jessica Liu	ESG and firm investment efficiency
14:40-14:50	An Mengtian	Can the construction of national eco industrial demonstration park promote regional energy conservation and emission reduction?
14:50-15:00	Lan Zheng	The Heterogeneous Effect of Political Connection on CSR: The Role of Internationalization
Protection of ecosystem barrier function in Qinghai Tibet Plateau		
15:00-15:10	Xi Li	The impacts of climate change on eco-hydrological processes on the Tibetan Plateau during the past 40 years
15:10-15:20	Wenjie Yao and Xiaofeng Wang	Analysis of water-carbon relationship changes and drivers on the Qinghai-Tibet Plateau
15:20-15:30	Juan Bai	Exploring the spatial heterogeneity of ecosystem services and influencing factors on the Qinghai Tibet Plateau
15:30-15:40	Huang Xiao	A method to explore environmental risk driving mechanism based on Geodetector and GWR
15:40-15:50	Fang Liu	A review of Social-Ecological System research and geographical applications
15:50-16:00	Rongrong Lu	Spatial and temporal evolution characteristics and driving factors of soil conservation services on the Qinghai-Tibet Plateau
16:00-16:10	Jia Lizhi	Assessment of Grassland Degradation on the Tibetan Plateau Based on Multi-Source Data

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16:10-16:20	Junjun Lu	The Realization Path to Tibet's Carbon Peak and Neutrality for Green and High-Quality Development
16:20-16:30	Zhongxu Zhao	Dynamics of Vegetation Cover and Ecosystem Services in the Qinghai-Tibet Plateau under the ecological restoration projects
Geo-Processes and Metacoupling Sustainability of Climate Economy		
16:30-16:40	Xiaoning Wang	Physicochemical properties and paleoenvironment of Lower Cretaceous red sandstone in Jingbian, Northwest China
16:40-16:50	Chengyi Li	Global Virtual Water Export Inequities in a Value Added Perspective
16:50-17:00	Zhenhua Zhang	Do pilot zones for green finance reform and innovation promote energy savings? Evidence from China
17:00-17:10	Ghaffar Ali	Environmental Spatial Heterogeneity of Top-20 Metropolitan Cities in the Context of COVID-19
17:10-17:20	Xingxing Niu	The spillover-feedback effect of carbon emission in China's digital industry under the "double-carbon" target
17:20-17:30	Weijing Ma	Value-added based inequity in global virtual water trade

Room 3

Zoom ID: 873 0723 2125, Password: 963306

Session 9: Sustainable Development Analysis from Remote Sensing Data

Session Chair: Prof. Yanjun Wang

Sustainable Tourism Development in Asia

Session Chairs: Dr. Yi Liu, Dr. Honglei Zhang

Time	Author	Paper Title
Sustainable Development Analysis from Remote Sensing Data		
14:00-14:10	Sonu Kumar	Spatial Pattern and Trend of Rice Crop Residue Burning: A Case Study of North India Using Geoinformatics
14:10-14:20	Xinxin Cao	Change of vegetation coverage and driving factor in the North Shannxi Loess Plateau based on characteristic zoning
14:20-14:30	Kai Wu	Simulation of land use change along the Silk Road under the constraint of sustainable development goals
14:30-14:40	Yang Liu	Research on ecological environment changes in the Loess Plateau region based on remote sensing ecological index
14:40-14:50	Zheyuan Miao	The impact of land use change on net primary productivity in the Loess Plateau
14:50-15:00	Jiawei Cao	Ground Photovoltaic Power Stations Extraction considering object characteristics and carbon reduction benefits evaluation
15:00-15:10	Zhang Beichen	Evaluation of Himawari-8/AHI surface reflectance using LEO sensors with off-nadir observation mode for terrestrial monitoring applications
15:10-15:20	Girish Chavadappanavar	An Economic Analysis of Sugarcane Cultivation in Karnataka a Case Study of Belagavi District,
15:20-15:30	Xie Wei	Using geo-knowledge informed deep learning networks and VHR satellite imagery to segment building rooftops in 90 cities in China
Sustainable Tourism Development in Asia		
15:30-15:40	Tang Yong	Red tourists and national identity in the museum commemorating Deng Xiaoping
15:40-15:50	Yamamoto Kyohei	Walking the Landscape: Exploring Connections and Perspectives on the Shin-etsu Trail
15:50-16:00	Yang Tang	Analysis on the Evolution of Land Use Spatial Pattern in Lingshui Li Autonomous County of Hainan Province under the Background of Tourism

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		Urbanization
16:00-16:10	Prastha Rajoria	Post COVID Tourist Perception and Behaviour - Challenges for Tourism Industry
16:10-16:20	Sarah	Sense of Place at Religious Heritage Site: An Empirical Study of Khwaja Moinuddin Chishti Dargah
16:20-16:30	Yi Liu	The Paradox of Sustainable Tourism Development: the pros and cons of Embeddedness
16:30-16:40	Arup Baidya	Sustainable Ecotourism Development in Asia: A Bibliometric Analysis
16:40-16:50	Chung Shing Chan	Investigating the sensory experience of visitors with hearing impairment in the sensory environment in Hong Kong Wetland Park
16:50-17:00	Lei Wang	Research on the suitability evaluation of dark sky tourism resources development
17:00-17:10	Weiwei Liu	Children's domestic VFR Travel and geographical imagination
17:10-17:20	Xiao Xiao	Sustainable adaptation planning for cultural heritage in coastal protected areas under climate change
17:20-17:30	Zhuowei Huang	A policy about host children's annoying behavior towards tourists in pro-poor destinations: process and impacts

Room 4

Zoom ID: 892 1984 5949, Password: 552966

Session 10: Potentials and Challenges towards Renewable Energy Transition

Session Chair: Dr. Mengyao Han

Comparative Urban Studies in City Region

Session Chair: Dr. Yanpeng Jiang

Time	Author	Paper Title
Potentials and Challenges towards Renewable Energy Transition		
14:00-14:10	Weilong Li	Mapping renewable energy transition worldwide
14:10-14:20	M Han	Understanding renewable energy transition from global network to local practice
Comparative Urban Studies in City Region		
14:20-14:30	Yanpeng Jiang	Who Builds Cities in China? How Urban Investment and Development Companies Have Transformed Shanghai
14:30-14:40	Yuanyuan Cai	The economic impact of air quality on housing prices in Beijing: Evidence from panel data
14:40-14:50	Jaeyeon Lee	Left-Wing Populist Activism and Identification: A Psycho-Political Analysis of the "Comfort Woman" Statue Movements in South Korea
14:50-15:00	Li Siyuan	Analysis on the foreign trade network and interactive pattern of Chinese provinces under different modes of transport
15:00-15:10	Ren Jing	A new approach to investigating the spatially heterogeneous driving forces of urban waterlogging
15:10-15:20	Sun shuo	Research on the Structure Characteristics and Function Optimization of the Commercial Space in the Metro Station Area——Taking Jinan Metro Line 3 as an Example
15:20-15:30	Ruifeng Li	A study on the alignment of regional greenways under the "double carbon" objective——The Yellow River Basin as an example
15:30-15:40	Chuantang Ren	"Buzz-and-Pipeline" dynamics in urban ambidextrous innovation: Evidence from China's biomedical industry
15:40-15:50	Qingyuan Zhang	Many ways forward, no way out: The vanishing countryside under urban accumulation in eastern China

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15:50-16:00	Liu Fei	Quantifying the spatial impacts of multiple environmental issues on habitat quality: A comparative study of the three largest Chinese urban agglomerations
16:00-16:10	Charhay	Spatial Pattern and Optimizing Development of Out-of-School Hours Care Centers: A Case Study of Dongguan city, China
16:10-16:20	Chunping Miao	Prediction of air pollutant concentrations in urban street environments using mobile monitoring and automated machine learning
16:20-16:30	Neema G Krishna	The Production of Urban Space through displacement: A Case Study of Cochin International Airport Project, Kerala
16:30-16:40	Rajesh Kumar Abhay	Spatial Disparities of Housing Condition in Mega city of Delhi
16:40-16:50	Ze Zheng Lin	Lasting or not? A comparative research on the sustainability of demolition process of mobilizing cultural resources under political pressure in Xianyukou and Guajiutun, Beijing
16:50-17:00	Lili Zhang	The spatial balance of territory under the “Two Mountains” concept: a research based on the value of Green Water and Green Mountains, as well as the value of Gold and Silver Mountains ——Take the example of Karst-Beibu Gulf in southwest Guangxi, China

Room 5

Zoom ID: 894 1895 0296, Password: 948451

Session 11:**Urban landscape Sustainability in Asia**

Session Chairs: Dr. Zhifeng Liu, Dr. Yupeng Liu, Dr. Qian Cao, Dr. Da Zhang, Dr. Cheng Li

Time	Author	Paper Title
14:00-14:10	Zhifeng Liu	Global urban water scarcity and landscape-based solutions
14:10-14:20	Tianci Gu	Coupling or decoupling? Multiscale analysis of the relationship between global urban land and carbon emissions
14:20-14:30	Yifeng Gao	Study on the decoupling relationship between urbanization and ecosystem service value in the Loess Plateau
14:30-14:40	Kapil Kumar Gavsker	Urban Growth and its Impacts on Peri-urban Landscape: Reflections from Agra City, India
14:40-14:50	Qiujie Shi	Geographic Imbalance in Interprovincial Migration in China: History and New Trends
14:50-15:00	YinDan Zhang	Very high-resolution urban land cover and land use mapping
15:00-15:10	Cheng Li	Projecting soil pollution in 2050 and 2100 using a DCN-based temporal analysis model
15:10-15:20	Yu Tao	Mapping ecosystem service supply and demand dynamics under rapid urban expansion: A case study in the Yangtze River Delta of China
15:20-15:30	Xiaoyan Zhang	Assessing the impacts of historical and future land-use/cover change on habitat quality in an urbanizing basin on the Tibetan Plateau
15:30-15:40	Xiao Sun	How do ecosystem services supply and demand evolve across urban–rural transitional landscapes: Patterns and trade-offs
15:40-15:50	Da Zhang	Impacts of urban expansion on simultaneous losses of ecosystem services in the Japan Sea Rim region
15:50-16:00	Binghua Gong	Understanding advances and challenges of urban water security and sustainability in China based on water footprint dynamics
16:00-16:10	Qian Cao	Characterizing 3D urban expansion patterns in central Wuhan using time-series building data
16:10-16:20	Yupeng Liu	Achieving net-zero raw material consumption for future urban built environments
16:20-16:30	Ling Yang	Exploration of 3D urban spatial structure and its influencing factors from a perspective of building groups: a case study of Chengdu City

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Room 6

Zoom ID: 867 6285 1042, Password: 404014

Session 12 (Session6) : Geospatial Sciences for land Management

Session Chairs: Prof. Xufeng Cui, Dr. Fengyuan Zhang, Prof. Fei Li

Time	Author	Paper Title
14:00-14:10	Li Jun	Temporal and spatial dynamic change characteristics and driving factors of top ten land use in Kongdui
14:10-14:20	Zhang Yuanyuan	Ecosystem Service Value Effects of Land Use Transition in Henan Province from The Perspective of Production-living-ecological Space
14:20-14:30	Dehao Kong	Construction of ecological security pattern and quantitative diagnosis of ecological problems in Shenmu City
14:30-14:40	Yang Chen	Do larger cities enjoy better green space accessibility? Evidence from 106 Chinese cities
14:40-14:50	Chuan Yuan	Application and Discussion of Constructing Spatio-temporal Big Data Platform in Township-level National Territorial Spatial Planning——A Case Study in Jinkou Town, Jimo District, Qingdao
14:50-15:00	Muhammad Sajid Mehmood	Projection of Agricultural Land use Changes Caused by Water Availability in Kabul River Basin
15:00-15:10	Jianhua Wu	Coupling analysis of land use change with landscape ecological risk in China, 2010—2100
15:10-15:20	Ahmed	Geospatial analysis of the land management in rapidly urbanizing Moroccan cities: A case of Martil City
15:20-15:30	Duan Binqiao	Fragmentation of rural settlements in China and its influencing factors, 2000—2020
15:30-15:40	Jie Zhou	The Effect and Mechanism of Digital Economy on Carbon Emissions from Cultivated Land Use
15:40-15:50	Xuanchi Chen	Simulation study of urban sprawl coupled with PLUS model, regional development heterogeneity and agglomeration optimization
15:50-16:00	Cuiyan Liu	Attribution of NDVI dynamics over the globe from 1982 to 2015
16:00-16:10	Jiaxing Cui	Spatiotemporal dynamic pattern and Spatial Conflict of Production–Living–Ecological Space in Yangtze River Economic Belt between 1990 and 2018
16:10-16:20	Jingjing Yu	A Study on the Distance Influencing Factors of the Socioeconomic Spatial Autocorrelation of County Units
16:20-16:30	Shaopei Chen	Study on spatio-temporal evolution characteristics of land use benefits in Guangdong Province, China
16:30-16:40	Anqi Lin	A MIU-based urban functional zoning: insights from building clustering by the deep learning method
16:40-16:50	Zhuo Sun	Improving the Performance of Automated Rooftop Extraction through Geospatial Stratified and Optimized Sampling
16:50-17:00	Junjun Lu	Nitrogen nutrition diagnosis of rice based on portable remote sensing sensor with weather data in Northeast
17:00-17:10	Quanxin Luo	Changes of comprehensive human impacts in protected areas of China for 2000–2020
17:10-17:20	Shi Yongwei	Evaluating Sustainability of Tourism Projects in Rural Land Development Base on Resilience Model

Room 7

Zoom ID: 839 1741 5697, Password: 905806

Session 13: Frontiers in Public Health and Well-being Research and Practice

Session Chairs: Dr. Jianxi Feng, Dr. Ye Liu, Dr. Bo Xie, Dr. Zongcai Wei

Time	Author	Paper Title
14:00-14:10	Jingjing Li	Comparing effects of Euclidean buffers and network buffers on associations between built environment and transport walking: The Multi-Ethnic Study of Atherosclerosis
14:10-14:20	Zhuolin Pan	Age-friendly neighbourhood environment, functional abilities and life satisfaction among older adults in China: A person-environment fit perspective
14:20-14:30	Yuchao Lun	Effects of community and school neighborhood built environment on adolescents' physical fitness: A case study of junior high school students in Dalian
14:30-14:40	Qiyang Li	Impact of Different Urban Environments on Physical and Psychological Responses Using EEG Methods
14:40-14:50	Zhang Yu	Influenza incidence and air pollution: Findings from a four-year surveillance study of prefecture-level cities in China
14:50-15:00	Jiakun Liu	Street environments and walking behavior: Evidence from Amsterdam, the Netherlands
15:00-15:10	Yuye Zhou	Spatial-Temporal Pattern Evolution of Public Sentiment Responses to the COVID-19 Pandemic in Small Cities of China: A Case Study Based on Social Media Data Analysis
15:10-15:20	Liutong Chen	Spatial accessibility evaluation and location optimization of primary health care in China: a case study of Shenzhen
15:20-15:30	Yang Hu	How does commuting influence time use and domain and life satisfaction? Evidence from dual-earner couples with school-age children in a small Chinese city
15:30-15:40	Xintong Shen	The impact of different urban environments on psychological activity based on EEG
15:40-15:50	Sanjit Sarkar	Geographical and Social Patterning of Diet Diversity and Health Well-Being among Adult Men in India: A Cross-Sectional Study using National Family and Health Survey
15:50-16:00	Juraev Zuhridin	Health Geography does Matter
16:00-16:10	Rahul Bhushan	Food Insecurity And Hunger Among Homeless Population In National Capital Of India : A Review And Interpretation
16:10-16:20	Zhixin Feng	Age-Friendly Cities and Communities and Health among Older Adults in China
16:20-16:30	Yuqi Liu	Protective effects of neighbourhood environments on older adults' mental health across the rural-urban continuum in China
16:30-16:40	Hanbei Cheng	Is segregation bad for mental health? Exploring the multiscale residential segregation, social trust and migrants' mental health in Wuhan, China
16:40-16:50	Vineet Kumar	Full Antenatal Care Service Utilization among Adolescent SC and ST Mothers in India
16:50-17:00	Chen Tingting	Jointly creating sustainable rural communities through participatory planning: A case study of Fengqing County, China
17:00-17:10	Deepika Vashishtha	Rural Livelihood Sustainability in Uttar Pradesh: A Case Study from a Developing Country
17:10-17:20	Zongcai Wei	How to Plan Healthcare Facilities in Shrinking Cities
17:20-17:30	Sumit Ram	Prevalence, determinants and spatial distribution of anaemia among men in rural India: Evidence from a nationally representative survey

Room S

Zoom ID: 849 2850 2860, Password: 988721

Closing Ceremony

Time	Content	
17:30-17:50	Closing Ceremony (Chair: Prof. Li He)	Report and Summary of the Workshop (Prof. Min Chen)
		Excellent Paper Award Announcement (Prof. Guoyou Zhang)

Contact Us

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