

CHEER 2024

The 1st International Conference on
Health, Environment, Education and Research

WRE 2024

The 10th International Conference on
Water Resource and Environment



**The 1st International Conference on
Health, Environment, Education
and Research (CHEER 2024)**

&

**The 10th International Conference
on Water Resource and
Environment (WRE 2024)**

December 15-18, 2024

The Education University of Hong Kong, Hong Kong

Organizers



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The 1st International Conference on
Health, Environment, Education and Research 2024
(CHEER2024)

&

The 10th International Conference on
Water Resource and Environment 2024
(WRE2024)

15-18 December 2024

The Education University of Hong Kong, Hong Kong

Organizers

Department of Science and Environmental Studies (SES) and Consortium on Health,
Environment, Education and Research (CHEER), The Education University of Hong
Kong, Hong Kong

I-Shou University, Taiwan

Co-organizers

Hanyang University, South Korea

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Preface

Time passes quickly, and we have now approached the later part of 2024, ready for our conferences, to be held at The Education University of Hong Kong (EdUHK), Tai Po, Hong Kong, from 16 to 18 December 2024. We intend to keep the Conference on Health, Environment, Education and Research (CHEER) Series and the Conference on Water Resource and Environment (WRE) focusing on knowledge for protecting the environment and human health.

It is our honour to have Prof Chetwyn Che Hin Chan, Vice President (Research and Development) of EdUHK, deliver a Welcoming Speech and Prof Chih-Huang Weng, Honorary Chair of CHEER2024 and General Chair of WRE2024, deliver an Opening Speech, during the Opening Ceremony scheduled on 16 December 2024. These will be followed by plenary and keynote speeches on environmental pollution, ecological and human health risk assessments, advanced remediation technologies, environmental management strategies, environmental health education, and relevant political issues. To this end, we have gathered a group of overseas and local scientists and practitioners from Argentina, Australia, Austria, Canada, China, Ecuador, Finland, Greece, Hong Kong, Hungary, India, Indonesia, Japan, Malaysia, Philippines, Poland, Qatar, Russia, South Korea, Thailand, and Taiwan, who will exchange information during this 3-day event.

Local and overseas experts from different sectors will be gathered to solicit scientific and technical inputs and political feedback. It is hoped to facilitate the development of a holistic strategy that fits government needs and industrial interests in environmental health issues in Hong Kong and other parts of the world. The information gathered at CHEER2024 will serve as valuable references for developing sustainable and practical solutions to the health problems associated with environmental issues.

We would like to take this chance to express our sincere gratitude to the Faculty of Liberal Arts and Social Sciences (FLASS) and Department of Sciences and Environment Studies (SES) of EdUHK for providing funding support for this event. Our thanks also go to Hanyang University and Jeonbuk National University for co-organizing this event and to members of the International Advisory, International/Local Organizing, and International Scientific Committees for their dedication and hard work during the past few months.

We hope you have a great time with us in Hong Kong.

Yiu Fai Tsang, The Education University of Hong Kong (Chair of CHEER2024)
Yu Bon Man, The Education University of Hong Kong (Co-Chair of CHEER2024)
Eilhann E. Kwon, Hanyang University, South Korea (Co-Chair of CHEER2024)
Kitae Baek, Jeonbuk National University, South Korea (Co-Chair of CHEER2024)
Ming Hung Wong, The Education University of Hong Kong (Founding Chair of CHEER Series and Honorary Chair of WRE 2024)
Chih-Huang Weng, I-Shou University, Taiwan (General Chair of WRE2024 and Honorary Chair of CHEER 2024)

CHEER2024 & WRE204 Conference

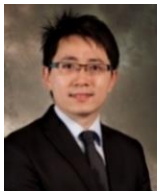
Committees (listed in alphabetical order)

Founding Chair of CHEER Series

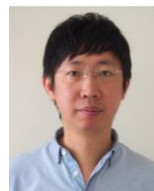


Prof Ming Hung Wong
The Education University of
Hong Kong, Hong Kong

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The Education University of
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Dr Ekaterina Kravchenko
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Shenzhen Academy of Metrology & Quality
Inspection, China

Prof Barry Noller
The University of Queensland, Australia

Dr Cheng Shen
Zhejiang University of Science and Technology,
China

Honorary Chair of WRE Series



Prof Ming Hung Wong

The Education University of Hong Kong, Hong Kong

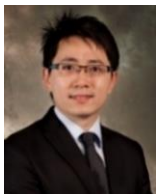
General Chair of WRE Series



Prof Chih-Huang Weng

I-Shou University, Taiwan

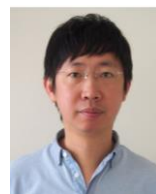
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The Education University of
Hong Kong, Hong Kong



Co-Chair

Dr Yu Bon Man

The Education University of
Hong Kong, Hong Kong

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Vice-President/Prof Shengdao Shan, Zhejiang University of Science and Technology,
China

Prof Tatiana Minkina, Southern Federal University, Russia

Prof Zhimin Qiang, Shanghai Jiao Tong University, China

International Technical Program Committee of WRE2024

Lifetime Distinguished Prof Yao-Tung Lin, National Chung Hsing University, Taiwan

Prof Peiyue Li, Chang'an University, China

Prof Foo Keng Yuen, Universiti Sains Malaysia, Malaysia

Dr Anoop Kumar Shukla, Manipal Academy of Higher Education, India

Prof Azza Moustafa Abdelaty, National Research Center, Egypt

Dr Chunjiang An, Concordia University, Canada

Prof Fei Qi, Beijing Forestry University, China

Prof George N. Zaimis, International Hellenic University, Greece

List of Speakers (listed in alphabetical order)

Plenary Speakers



Prof George Guo-Qiang Chen
Tsinghua University, China



Prof Ki-Hyun Kim
Hanyang University, South Korea



Prof Jack Ng
The University of Queensland, Australia



Prof Ming Hung Wong
The Education University of Hong Kong, Hong Kong



Prof Shiu Sun Rudolf Wu
The Education University of Hong Kong, Hong Kong



Prof Chang-Ping Yu
National Taiwan University, Taiwan



Prof Zhiguo Yuan
City University of Hong Kong, Hong Kong



Prof Tong Zhang
The University of Hong Kong, Hong Kong



Prof Ir Prof Irene M. C. LO
The Hong Kong University of Science and Technology, Hong Kong



Prof Chih-Huang Weng
I-Shou University, Taiwan

Keynote Speakers



Prof Alicia Kyoung Jin An
The Hong Kong
University of Science and
Technology, Hong Kong



Prof Kitae Baek
Jeonbuk National
University, South Korea



Prof Guangwei Huang
Sophia University, Japan



Prof Younkyoo Kim
Hanyang University,
South Korea



Prof Eilhann E. Kwon
Hanyang University, South
Korea



Prof Su Shiung Lam
Universiti Malaysia
Terengganu, Malaysia



Prof Jechan Lee
Sungkyunkwan University,
South Korea



**Prof Bing-Jie (Bruce)
Ni**
UNSW Sydney,
Australia



Prof Young-Kwon Park
University of Seoul, South
Korea



Prof Hocheol Song
Hanyang University,
South Korea



Prof Zhimin Qiang
Shanghai Jiao Tong
University, China



Prof Ming-Chun Lu
National Chung Hsing
University, Taiwan



Prof Yao-Tung Lin
National Chung Hsiung
University, Taiwan



Prof Kotohiro Nomura
Tokyo Metropolitan
University, Japan

Invited Speakers



**Dr Tuan Nurul Sabiqah
Tuan Anuar**
Universiti Malaysia
Terengganu, Malaysia



Prof Wenzhi Cao
Xiamen University, China



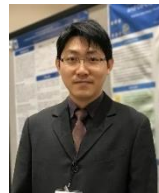
Dr Janet K.Y. Chan
The University of Hong Kong,
Hong Kong



Dr Jinping Cheng
The Education University of
Hong Kong, Hong Kong



Prof Hyeseung Choi
Hanyang University, South
Korea



Prof Jake Ming Kei Chung
Chinese University of Hong
Kong, Hong Kong



Dr Wenjing Deng
The Education University of
Hong Kong, Hong Kong



Dr Oxana Erina
Shenzhen MSU-BIT
University, China



Prof Yan Gao
Jiangsu Academy of
Agricultural Sciences, China



Prof Ksenia Gerasimova
Shenzhen MSU-BIT
University, China



Prof Xia Hu
Guizhou University, China



Dr Denis Ivanov
Shenzhen MSU-BIT
University, China



Prof Hyun-Woo Kim
Jeonbuk National University,
South Korea



Dr Ekaterina Kravchenko
Southern Federal University,
Russia



Dr Paul Kwun Lai Lam
The Education University of
Hong Kong, Hong Kong



Prof Hui Li
Jinan University, China



Dr Liguang Li
The Education University of
Hong Kong, Hong Kong



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Zhejiang University of
Science and Technology,
China



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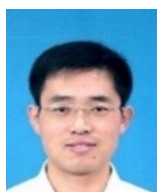
Dr Cheng Shen
Zhejiang University of
Science and Technology,
China



Prof Chuan Wu
Central South University,
China



Dr Yi Yang
City University of Hong
Kong, Hong Kong



Prof Jin Zhang
Zhejiang University of
Science and Technology,
China



Dr Miaomiao Zhang
Jinan University, China



Prof Jenn Fang Su
Chang Gung University,
Taiwan



Prof Wei-Fan Kuan
Chang Gung University,
Taiwan



Prof Ching-Lung Chen
Ming Chi University of
Technology, Taiwan



Prof Jui-Yen Lin
National Kaohsiung
University of Science and
Technology, Taiwan



Prof George Zaimis
Democritus University of
Thrace, Greece



Prof Meng-Wei Wan
Chia-Nan University of
Pharmacy and Science,
Taiwan

CHEER 2024

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Prof Angela Kallhoff
University of Vienna, Austria



Dr Samane Maroufi
The University of New
South Wales, Australia



Dr Yoshihiro Hamaguchi
Kyoto University of Advanced
Science, Japan



Prof Xiang Huang
University of Tibet, China

CHEER2024 & WRE2024 Conference Programme

16 December 2024
(Monday)

Time	Activity	Speaker
<i>Opening Ceremony (C-LP-11)</i>		
08:30-09:00	Registration	
09:00-09:05	Welcoming Remarks	Ming Hung Wong Founding Chair of CHEER Series & Honorary Chair of WRE2024
09:05-09:15	Welcoming Speech	Chetwyn Che-hin Chan Vice President (Research and Development) The Education University of Hong Kong, Hong Kong
09:15-09:20	Opening Speech	Chih-Huang Weng General Chair of WRE2024 & Honorary Chair of CHEER2024
09:20-09:25	Group Photo	
<i>Plenary Speech (C-LP-11) (Chairs: Ming Hung Wong and Eilhann E. Kwon)</i>		
09:25-09:55	Managing Legacy Persistent Organic Pollutants and Emerging Chemicals: Insights from UNEP/GEF Projects	Ming Hung Wong The Education University of Hong Kong, Hong Kong
09:55-10:25	Assessing Environmental and Human Health Impacts from Large-scale Industrial Activities for Sustainable Development	Jack Ng The University of Queensland, Australia
10:25-10:50	Tea Break and Poster Session	
10:50-11:20	<i>Halomonas</i> -based “Next Generation Industrial Biotechnology” for PHA Production	George Guo-Qiang Chen Tsinghua University, China
11:20-11:50	A Novel Up-scaling Process of a Net-zero Photoelectrochemical System with H ₂ Generation for Real Saline Sewage Treatment	Irene Lo The Hong Kong University of Science and Technology, Hong Kong
11:50-12:20	Towards Energy-Neutral Sewage Treatment	Zhiguo Yuan City University of Hong Kong, Hong Kong
12:20-12:50	Microbial Transformation of Emerging Contaminants: A Revisit	Chang-Ping Yu National Taiwan University, Taiwan

12:50-14:15	Lunch			
	Keynote Session 1A (D1-LP-04) (Chairs: Hocheol Song and Yiu Fai Tsang)	Speaker	Keynote Session 1B (D2-LP-05) (Chairs: Young-Kwon Park and Yu Bon Man)	Speaker
14:15-14:35	Sustainable Valorization of Wastes	Eilhann E. Kwon Hanyang University, South Korea	Interplay of Biochar and Copper in Accelerated Aged Soil System	Kitae Baek Jeonbuk National University, South Korea
14:35-14:55	Microplastics Capture, Upcycling and Utilisation (MpCUU) towards Sustainable Water Management	Bing-Jie Ni The University of New South Wales (UNSW Sydney), Australia	Chemical Recycling of Polyesters through Catalytic Depolymerization by Transesterification	Kotohiro Nomura Tokyo Metropolitan University, Japan
14:55-15:15	Innovative Approaches in Membrane Distillation for Enhanced Ammonia Removal and Recovery from Wastewater Streams	Alicia Kyoung Jin An The Hong Kong University of Science and Technology, Hong Kong	Transforming Waste to Wealth: Microalgae for High-Value Products and Eco-Friendly Wastewater Management	Su Shiung Lam Universiti Malaysia Terengganu, Malaysia
15:15-15:35	Valorization of Cattle Manure and Acid Mine Drainage Sludge into Biochar for Persulfate Activation and Adsorption to Remove Nitrofurantoin	Hocheol Song Hanyang University, South Korea	Catalytic Upgrading of Organic Wastes into Renewable Energy	Young-Kwon Park University of Seoul, South Korea
15:35-16:00	Tea Break and Poster Session			
Plenary Speech (C-LP-11) (Chairs: Chih-Huang Weng and Kitae Baek)				
16:00-16:30	Persulfate Oxidation Process Activated by Iron-rich Minerals for Textile Wastewater Treatment	Chih-Huang Weng I-Shou University, Taiwan		
16:30-17:00	The Construction of Low-cost Practical Platforms for Photocatalytic/Non-photocatalytic Treatment of Pollutants and for Carbon Capture and Storage (CCS)	Ki-Hyun Kim Hanyang University, South Korea		
17:00-17:30	Towards Standardization and Quantification for Environmental ARGs Surveillance and Risk assessment (Video)	Tong Zhang The University of Hong Kong, Hong Kong		
17:30-18:00	Hypoxia: Nothing Could be Worse!	Shiu Sun Rudolf Wu The Education University of Hong Kong, Hong Kong		
18:00-18:30	To Regal Riverside Hotel in Sha Tin by Coach			
18:30-21:00	Conference Banquet at Riverside Ballroom, 1/F, Regal Riverside Hotel, 34-36 Tai Chung Kiu Road, Sha Tin (Ticket required)			

17 December 2024
(Tuesday)

17 December 2024 (Tuesday)				
	Keynote Session 2A <i>(D1-LP-04)</i> <i>(Chairs: Chih-Huang Weng and Yu Bon Man)</i>	Speaker	Keynote Session 2B <i>(D2-LP-05)</i> <i>(Chairs: Younkyoo Kim and Yiu Fai Tsang)</i>	Speaker
09:00-09:20	Microbial Inactivation and Reactivation during Water Disinfection with Dual-wavelength UV Radiation	Zhimin Qiang Shanghai Jiao Tong University, China	Optimizing Electric Vehicle Battery Reuse: Policy and Recycling Strategies for a Circular Economy in South Korea	Younkyoo Kim Hanyang University, South Korea
09:20-09:40	Application of Fluidized-bed Homogeneous Crystallization Technology for Resource Recovery from Wastewater and Carbon Dioxide Capture from Flue Gas	Ming-Chun Lu National Chung Hsing University, Taiwan	The Use of MSW Treatment Byproduct as Catalysts for Feedstock Recycling of Different Plastic Wastes	Jechan Lee Sungkyunkwan University, South Korea
09:40-10:00	Identifying Biophysical Properties and Organelle Interaction Mapping in Foodborne Microorganisms Treated with Eco-Friendly Packaging Films Derived from Agricultural Waste	Yao-Tung Lin National Chung Hsiung University, Taiwan	Long-term Diagnosis of Environmental Changes in a Shallow Lake (Video)	Guangwei Huang Sophia University, Japan
Oral Presentation				
	Oral Session 1A <i>(D1-LP-04)</i> <i>(Chairs: Ming-Chun Lu and Meng-Wei Wan)</i>	Oral Session 1B <i>(D1-LP-08)</i> <i>(Chairs: Wei-Fan Kuan and Jenn Fang Su)</i>	Oral Session 1C <i>(D2-LP-05)</i> <i>(Chairs: Yan Liang and Hyun-Woo Kim)</i>	Oral Session 1D <i>(D2-LP-09)</i> <i>(Chairs: Jin Zhang and Hyeseung Choi)</i>
10:05-10:25	Invited Speech: The Oxidative Desulfurization of Dibenzothiophene Using Potassium Ferrate Recovered from Water Purification Sludge Meng-Wei Wan Chia-Nan University of Pharmacy and Science, Taiwan	Invited Speech: Defective Mesoporous Ceria Nanorods for Carbon Dioxide Conversion and Lithium-Carbon Dioxide Battery Applications Wei-Fan Kuan Chang Gung University, Taiwan	Invited Speech: Disinfection By-Products (DBPs): Chemistry, Toxicology, and Molecular Markers Yan Liang Wuyi University, China	Invited Speech: Technological Pathways towards Negative Carbon Emissions from Municipal Sludge Management Jin Zhang Zhejiang University of Science and Technology, China
10:25-10:45	Invited Speech: Removal of Submicron Plastics Particles from Freshwater by Electrophoretic Separation Jui-Yen Lin National Kaohsiung University of Science and Technology, Taiwan	Invited Speech: Copper-based Catalyst for Electrochemical Nitrate Reduction toward Ammonia Synthesis in Water Jenn Fang Su Chang Gung University, Taiwan	Invited Speech: Municipal Landfill Leachate Treatment by Using Atmospheric Plasma Process Hyun-Woo Kim Jeonbuk National University, South Korea	Invited Speech: Partnering with Students in Climate Education: HKU Climate Ambassadors Janet K.Y. Chan The University of Hong Kong, Hong Kong
10:45-11:10	Tea Break and Poster Session			



11:10-11:25	<p>Advancing Textile Industry Wastewater Treatment: A Multi-objective Fuzzy Optimization in a Photo-Fenton Process Angelo Earvin Sy Choi De La Salle University, Philippines</p>	<p>Enhancing Urban Infrastructure: The Impact of Magnesium Hydroxide Gel on Concrete Sewer Durability Shima Taheri Macquarie University, Australia</p>	<p>Invited Speech: Using symbiotic fungi to improve soil health Xun Wen Chen Jinan University, China</p>	<p>Sustainable and Energy-efficient Solution for Marine Waste: Caprolactam Recovery from Fishing Net Waste Using Seashell-based Catalysts Seung Won Kim Sungkyunkwan University, South Korea</p>
11:25-11:40	<p>Microplastics in Institutional Wastewater Treatment Plant: Abundance, Characterization, Removal Amit Kumar Malaviya National Institute of Technology Jaipur, India</p>	<p>Establishment of an Automatized Groundwater Monitoring Network for Assessing the Impacts of Human Activity and Meteorological Factors on Municipal Environment in the Great Hungarian Plain Mester Tamas University of Debrecen, Hungary</p>	<p>Thermochemical Valorization of Spent Filter Waste into Combustible Fuel with CO₂ Assistance Jung-Hun Kim Hanyang University, South Korea</p>	<p>Using Biochar Derived from Defatted Apricot Seeds as a Catalyst in Biodiesel Production Minyoung Kim Hanyang University, South Korea</p>
11:40-11:55	<p>Selection of Sustainable Household Wastewater Management Indicators in Rural Areas for Use in Strategic Planning Shubhanjali Kori Indian Institute of Technology Delhi, India</p>	<p>Efficient Photocatalytic Degradation of 2,3-Dichlorobiphenyl Using a PEI-Coated ZnO@TiO₂ Nanocomposite Sandeep Kumar RMIT University Melbourne, Australia/Academy of Scientific & Innovative Research, India</p>	<p>Thermocatalytic Recovery of Monomers from Decomposable Drinking Straw Waste Using CO₂ and Tricalcium Phosphate Catalyst Seonho Lee Sungkyunkwan University, South Korea</p>	<p>Upcycling Crab Shell Waste into Biochar for Treatment of Palm Oil Mill Effluent via Microwave Pyrolysis and Activation Yan Yang Universiti Malaysia Terengganu, Malaysia</p>
11:55-12:10	<p>Evaluating the Performance of Pilot-Scale Vertical Flow Constructed Wetlands for Tertiary Treatment of Wastewater Treatment at Jajmau STP, Kanpur, India Auchitya Verma Indian Institute of Technology Kanpur, India</p>	<p>Improving Soil Moisture Prediction Using Optimized Soil Texture in a Land Surface Model Seon Ki Park Ewha Womans University, South Korea</p>	<p>Syngas Production through CO₂-assisted Pyrolysis of Polyoxymethylene waste Dohee Kwon Hanyang University, South Korea</p>	<p>Entomoremediation of Organic Waste Jee Young Kim Hanyang University, South Korea</p>
12:10-12:25	<p>Oil and Grease Removal in Fast-food Wastewater using Electrocoagulation Designed Reactor: A Bench-Scale Approach Maria Christine B. Latosa Mapua University and Industrial Technology Development Institute, Philippines</p>	<p>Utilization of Pickle Seasoning and Pickle Plum Liquid Waste for Culturing <i>Aurantiochytrium</i> Sp. Strain L3W and Application of the Raw Biomass as A Source of Polyunsaturated Fatty Acids for Red Sea Bream (<i>Pagrus Major</i>) Tran Thi Nhat Anh Hiroshima University, Japan</p>	<p>Using a Biochar Derived from CO₂-Assisted Pyrolysis of Oilseed Crop Residue as a Catalyst for Biodiesel Production Sangyoon Lee Hanyang University, South Korea</p>	<p>Microplastics in Marine Ecosystems and Their Potential Risks to Human Health Yusof Shuaib Ibrahim Universiti Malaysia Terengganu, Malaysia</p>
12:25-13:40	Lunch			

	Oral Session 2A (D1-LP-04) (Chairs: George Zaines and Barry Noller)	Oral Session 2B (D1-LP-08) (Chairs: Yao-Tung Lin and Chuan Wu)	Oral Session 2C (D2-LP-05) (Chairs: Wenzhi Cao and Jake Ming Kei Chung)	Oral Session 2D (D2-LP-09) (Chairs: Yan Gao and Janet K.Y. Chan)
13:40-14:00	Invited Speech: Marine Kuznets Curve and Marine Resource Curse Through Rent-seeking into Individual Transferable Quotas in Blue Economy Yoshihiro Hamaguchi Kyoto University of Advanced Science, Japan	Invited Speech: The Nitrate Reduction toward Dinitrogen over Bimetallic Electrocatalysts Ching-Lung Chen Ming Chi University of Technology, Taiwan	Invited Speech: Riverine Nutrient Fluxes and Environmental Effects on China's Estuaries Wenzhi Cao Xiamen University, China	Invited Speech: Interactions Between Endophytic Bacteria and Rice Roots: Alleviating Cd Toxicity and Mediating Root Cd Retention Yan Gao Jiangsu Academy of Agricultural Sciences, China
14:00-14:20	Invited Speech: Influence of Salinity in River Water Associated with Coal Mineralization and Management of Treated Coal Wastewater Using Site Specific Guidelines Barry Noller The University of Queensland, Australia	Invited Speech: Manganese-transforming Microorganisms during Manganese-tailing Succession and Its Effect on Manganese Residue Remediation Chuan Wu Central South University, China	Invited Speech: Decoding the Exposome: A New Frontier in Environmental Health Discovery Ming Kei (Jake) Chung Chinese University of Hong Kong, Hong Kong	Invited Speech: Integrating Environmental Health and Education in South Korea's Circular Economy Policy Hyeseung Choi Hanyang University, South Korea
14:20-14:35	Research on Agricultural Water Price Sharing Mechanism in Irrigation Area Based on Tripartite Bargaining Game Model Zhichao Zhu Zhengzhou University, China	Assessing and Looking After a 57-Year-Old Curtainwall: Transpower House Wellington Peter Lalas Janus Facades Pty Ltd, Australia	Securing Stable Treatment Efficiency of Livestock Manure Using a Cold Plasma and Membrane Photobioreactor Convergence System Yu-Jin Lim Jeonbuk National University, South Korea	Microwave Co-pyrolysis of Waste Cooking Oil and Plastic Waste Wan Adibah Wan Mahari Universiti Malaysia Terengganu, Malaysia
14:35-14:50	Research on Allocation Mechanism of Basin Ecological Compensation under a Tripartite Game Model Yin Yu Zhengzhou University, China	Challenges and Opportunities of Sponge City Construction in Macao Nian She Tsinghua University Innovation Center in Zhuhai, China	Thermochemical Process for the Plastic Waste Valorization into Chemicals and Fuels Taewoo Lee Hanyang University, South Korea	Catalytic Application of Polyvinyl Chloride in Biorefinery Gihoon Kwon Hanyang University, South Korea
14:50-15:05	The Response Relationship between Drought Control Scenarios and Ecological-economic Losses Weijing Wang Zhengzhou University, China	Species Richness Promotes Ecosystem Carbon Storage: Evidence from Biodiversity-ecosystem Functioning Experiments Shan Xu Southern University of Science and Technology, China	Hydrochar as Carbon and Nutrient Sources for Sulfate Reducing Bacteria in Biogenic Formation of Metal Sulfide to Remediate Heavy Metals-contaminated Groundwater: Effect of Lignin and Cellulose Content in Biomass So-Hee Lim Jeonbuk National University, South Korea	Stabilization Mechanism and Long-term Stability of Endogenous Heavy Metals in Manure-derived Biochar Ga-Been Lee Jeonbuk National University, South Korea



15:05-15:20	Assessment of Direct Agricultural Losses and Indirect Economic Losses due to Drought under Industrial Linkage Effect Zihan Hu Zhengzhou University, China	Interaction of Reed Litter and Biochar Presences on Performances of Constructed Wetlands Tongtong Zhou Southern University of Science and Technology, China	Environmental DNA/RNA Metabarcoding for Noninvasive and Comprehensive Monitoring and Assessment of Marine Fishes Peiyuan Ye The Education University of Hong Kong, Hong Kong	Electrochemical Conversion of Sulfate to Persulfate: Waste By-products to Value-added Materials Ji-Min Oh Jeonbuk National University, South Korea
15:20-15:35	Environmental Assessment of Mixed Plastic Waste Pelletization (Online) Junaid Saleem Hamad Bin Khalifa University, Qatar	The Impact of Urbanization Development on Carbon Emissions: A Study Based on STIRPAT Model Yifen Xia Nanchang University, China	Terrigenous Freshwater Extension Observed from GRACE in the South China Sea under the Influence of Monsoons and ENSO Zhongtian Ma The Hong Kong Polytechnic University, Hong Kong	Optimized Method Development and Identification of Chemicals of Emerging Contaminants (CECs) in Indoor Airborne Particulate Matter in Hong Kong Tapos Kormoker The Education University of Hong Kong, Hong Kong
15:35-16:00	Tea Break and Poster Session			
	<i>Oral Session 3A (D1-LP-04)</i> (Chairs: <i>Zhongping Lai and Yi Yang</i>)	<i>Oral Session 3B (D1-LP-08)</i> (Chairs: <i>Zhimin Qiang and Ziying Li</i>)	<i>Oral Session 3C (D2-LP-05)</i> (Chairs: <i>Ksenia Gerasimova and Nyuk Ling Ma</i>)	<i>Oral Session 3D (D2-LP-09)</i> (Chairs: <i>Tuan Nurul Sabiqah Tuan Anuar and Ekaterina Kravchenko</i>)
16:00-16:20	Invited Speech: Monitoring Stream Bank Erosion Under Different Riparian Land-uses Utilizing Various Methodological Approaches George Zaimes Democritus University of Thrace, Greece	Invited Speech: Current Status of Soil Nutrient and Geochemical Characterization of a Typical Alpine Wetland in Xizang, China Xiang Huang University of Tibet, China	Invited Speech: The Role of Indigenous Communities in Environmental Remediation Ksenia Gerasimova Shenzhen MSU-BIT University, China	Invited Speech: Microplastics in Tropical Aquatic Ecosystems: Case Study of Malaysian Riverine Systems and the Need for National-level Protocol Harmonization Tuan Nurul Sabiqah Tuan Anuar Universiti Malaysia Terengganu, Malaysia
16:20-16:40	Invited Speech: Addressing an Imminent Problem Presented by a New Class of Pollutants: Chemicals with Epigenetic and Transgenerational Effects Yi Yang City University of Hong Kong, Hong Kong	Invited Speech: A Comparative Study of Exposure Levels and Risk of Endocrine Disrupting Chemicals among Children in Hong Kong and Southwest China Ziying Li Shenzhen Academy of Metrology & Quality Inspection, China	Invited Speech: Mitigating the Impact of Pesticide Residue in Food: The Role of Synbiotics in Enhancing and Sustaining Gut Health in Rats Nyuk Ling Ma Universiti Malaysia Terengganu, Malaysia	Invited Speech: Heavy Metal Contamination in Soils near a Coal Power Plant: Field Monitoring, Ecological and Health Risk Assessments Ekaterina Kravchenko Southern Federal University, Russia
16:40-16:55	Analysis of Erosion and Sedimentation due to Riverbank Reinforcement Structures Siti Murniningsih University of Indonesia, Indonesia	Ecology: A Tool to Target Regeneration Obstacles Under the Challenges of Climatic Alterations Valasia Iakovoglou American College of Thessaloniki, Greece	Invited Speech: Arbuscular Mycorrhizal Fungus Alleviates Charged Nanoplastic Stress in Host Plants Hui Li Jinan University, China	Invited Speech: Novel Chemolithotrophic V(V) Reduction Using Reduced S as Electron Donor in S-rich Tailing Pond Miaomiao Zhang Jinan University, China



16:55-17:10	Navigating Water Conflicts: Exploring Demand Supply Strategies in the Dongjiang River Basin and Hong Kong Lina Chun HKU Space Community College, Hong Kong	Estimation of Ecological Water Use in Typical Oasis Shelterbelts in Arid Region, Northwest China Shuai Fu Jiangxi University of Finance and Economics, China	Evaluation and Characterization of Microplastics from the Surface Water of Antarctic and Sub-Antarctic Ru Yee Wong Universiti Malaysia Terengganu, Malaysia	Impacts of Mercury Exposure on Human Reproductive Health Mengwei Yuan The Chinese University of Hong Kong, Hong Kong
17:10-17:25	Hydrological Analysis of a Highland Reservoir Using GIS Jieling Wu Suwa University of Science, Japan	Improvement and Practice of Evaluation Method of Vegetation Ecological Resilience under Drought Stress Based on GPP Xuefeng Li Zhengzhou University, China	Evaluation of The Effect of Applying Cold Plasma Pretreatment on Biogas Productivity in Anaerobic Digestion of Sewage Sludge Hye-In Lee Jeonbuk National University, South Korea	The Impact of Probiotic-Fermented Cabbage (PFC) on Anti-inflammatory Properties of Pesticides-Exposed Rats Zhi Ting Tai Universiti Malaysia Terengganu, Malaysia
17:25-17:40	Methanogenic Propionate-Degrading Microbial Consortia Promote Methanogenic Performance of Anaerobic Digestion of Protein-Based Food Waste and Activated Sludge Through Bioaugmentation (Online) Kun Zhang Shenyang Aerospace University, China	The Use of Remotely Sensed Data to Model Habitat Selections of Pileated Woodpeckers (<i>Dryocopus Pileatus</i>) in Fragmented Landscapes Ruijia Hu University of Cincinnati, USA	The Specific UV Absorbances (254 nm) as Water Quality Monitoring Indicator of the Surface Water of Tasik Kenyir and Sungai Perak, Malaysia Teh Sabariah Binti Abd Manan Universiti Malaysia Terengganu, Malaysia	Exploring Relationships between Blood Heavy Metals and Gut Microbiota Profile in Wild Green Turtles (<i>Chelonia mydas</i>) Across Growth Stage Ming She See Universiti Malaysia Terengganu, Malaysia
17:40-17:55	Advances in Nature's Contributions to People of the Extensive Vegetated Roofs: Thermal Regulation and Carbon Sequestration (Online) Lelia Imhof Universidad Católica de Córdoba, Argentina	Participatory In-situ Data for Monitoring the Groundwater Scenario: A Case Study of Farmer Participation in North Gujarat, Western India Meeta Gupta Indian Institute of Technology Bombay, India	Designing Smart Artificial Floating Wetlands to Optimize Ecosystem Services for Hong Kong's Urban Waterways Ashwin Rajesh Gupta The Chinese University of Hong Kong, Hong Kong	Methylmercury Biomagnification in Subtropical Forest Ecosystems Matthew Long-Hei Cheng The Chinese University of Hong Kong, Hong Kong
17:55-18:10		Spatiotemporal Variations and Spillover Effects of Regional Water Resources Metabolism Efficiency with Heterogeneous Resource Endowments Lihong Meng Gannan Normal University, China	Combating Climate Change through Renewable Energy Development Mohammed Sharif Jamia Millia Islamia Central University, India Zavvar Kazim Municipal Corporation of Delhi, India	A Baseline and a Key Number: Rating the Performance of Hydrologic Models by the Nash Efficiency Scale and Variants John Y. Ding Professional Engineer, Canada

Below presentation videos could be found via <http://www.academicconf.com/video?confname=wre2024>

WRE4977: Hydrological Characteristics of Two Typical Subtropical Forests in China
Benzhi Zhou
Chinese Academy of Forestry, China

WRE4925: Impacts of Mitigation Scenarios on Nitrogen in Surface Runoff Under Drought-Flood Abrupt Alternation in the Huaibei Plain, China
Bixia Wu
China Institute of Water Resources and Hydropower Research, China

WRE4914: Floating Treatment Wetlands linked with Microbial Fuel Cells: Bioenergy Generation and Wastewater Treatment Efficiency in The Initial Season's Mesoscale Experiment
Nicole Nawrot
Gdańsk University of Technology, Poland

18 December 2024
(Wednesday)

Oral Presentation

	Oral Session 4A (D1-LP-04) <i>(Chairs: Xiang Huang and Angela Kallhoff)</i>	Oral Session 4B (D1-LP-08) <i>(Chairs: Zhihong Yin and Oxana Erina)</i>	Oral Session 4C (D2-LP-05) <i>(Chairs: Paul KL Lam and Liguan Li)</i>	Oral Session 4D (D2-LP-09) <i>(Chairs: Xia Hu and Denis Ivanov)</i>
09:00-09:20	Invited Speech: Value-based Water Resource Management Angela Kallhoff University of Vienna, Austria	Invited Speech: Chitosan- β -cyclodextrin Composite Flocculants Dual-drive for Efficient Microalgae Harvesting: Structural Evidences, Dehydration Process, E-DLVO Model Behavior and Biomass Utilization Zhihong Yin Guizhou University, China	Invited Speech: Enhancement of PFAS Removal in Constructed Wetlands through Biofilm Modulation by Sewage Sludge Biochar Cheng Shen Zhejiang University of Science and Technology, China	Invited Speech: Study on the Removal Performance and Mechanism of Dimethyl Phthalate in Bacteria-algal Symbiotic System Xia Hu Guizhou University, China
09:20-09:40	Invited Speech: From Waste to Engineered Nanostructured Materials Samane Maroufi The University of New South Wales, Australia	Invited Speech: Urban Pathways of Water Pollution: Case Study of Moscow, Russia Oxana Erina Shenzhen MSU-BIT University, China	Invited Speech: Plasmid Transfer and Maintenance in Microbial Communities of Urban Wastewater Environment Liguan Li The Education University of Hong Kong, Hong Kong	Invited Speech: Agriculture, Trade, and Political Geography: The Case of Moldova Denis Ivanov Shenzhen MSU-BIT University, China
09:40-09:55	Delta Process Reconstruction in the Plain of Weifang, Shandong Province, China, By Using Luminescence Dating of Core Sediments Ruolin Jiang Shantou University, China	Conditions of The Potable Water Supply System of The Administrative Building at The University of The Armed Forces ESPE Using the Geophone David Carrera Universidad de las Fuerzas Armadas ESPE, Ecuador	Dermal Bioaccessibility of Organophosphate Esters in Indoor Dust and Its Implication in Risk Assessment Zijia Hong South China Normal University, China	Photothermal synergistic piezoelectric catalyzed degradation of antibiotics Jiixin Liu Sichuan Agricultural University, China
09:55-10:10	Channel Avulsion, Hydrology and Human Activities in the Lower Yellow River Revealed by Core Chronologies Bohui Liu Shantou University, China	Characteristics of Vegetation Water Carbon Use Efficiency in The Middle Reaches of the Yellow River Basin Based on Remote Sensing Data Yinge Liu Baoji University of Arts and Sciences, China	Monitoring Bacterial Pathogen Dynamics in Coastal Waters and Their Biofilm Formation on Plastic Surfaces Linus Shing Him Lo The Education University of Hong Kong, Hong Kong	Risk Characterization and Source Identification of Mercury in Shorebirds at Mai Po Nature Reserve and Deep Bay, Hong Kong Tsun Hung Cheung The Chinese University of Hong Kong, Hong Kong
10:10-10:25	Freshwater Salinization Syndrome: Global Public Health Threats under the Anthropocene Alice Miu Ling Li Hong Kong Metropolitan University, Hong Kong	Research on Urban Water Conservation Strategy Optimization Employing PLS-SEM Model Xiaofeng Lin Zhengzhou University, China	Soil Microorganisms Respond to Elevated Tropospheric Ozone Xin Chen Jinan University, China	Full-Sized Microplastics Monitoring and Risk Assessment in the Coastal Marine Waters of Hong Kong Yuet-Tung Tse Hong Kong Metropolitan University, Hong Kong

10:25-10:50	Tea Break			
10:50-11:10	Invited Speech: Treatment of Refractory Pollutants by Catalytic Membrane Reactor Ying Li Zhejiang University of Science and Technology, China	Invited Speech: Selective Succession and Enrichment of Pollutants in (Micro)plastic Biofilms and Environmental Risks Jinping Cheng The Education University of Hong Kong, Hong Kong	Invited Speech: Twenty Years of Medical Practice Based on Pollutant Overload in a Private Medical Clinic Paul Kwun Lai Lam The Education University of Hong Kong, Hong Kong	Invited Speech: Urinary EDCs and Children Health Risk Wenjing Deng The Education University of Hong Kong, Hong Kong
11:10-11:25	Towards Sustainable Water Treatment: Optimizing Coagulation through Experimental Design Kullaya Naranong Thammasat University, Thailand	Effects of Kernel Size and Input Channel on the Performance of CNN and Hybrid Models in Dam Water Level Forecasting Yuk Feng Huang Universiti Tunku Abdul Rahman, Malaysia	Asymmetries among Soil Fungicide Residues, Nitrous Oxide Emissions and Microbiomes Regulated by Nitrification Inhibitor at Different Moistures Tangrong Zhou Jinan University, China	Synergistic Multi-metal Stabilization of Lead-zinc Smelting Contaminated Soil by <i>Ochrobactrum</i> EEELCW01-loaded Iron-modified Biochar: Performance and Long-term Efficacy Yayuan Huang Central South University, China
11:25-11:40	Greening but Enhanced Vegetation Water Stress in the Yellow River Basin: An Ecological Perspective Boying Song Zhengzhou University, China	Climate Teleconnections Influencing Desertification in the Lancang-Mekong River Basin Masoud Irannezhad Australian University, Kuwait; University of Oulu, Finland	Activated Carbon Affects Tilapia's Accumulation of Dietary Heavy Metals (HMs) by optimizing gut microbiota Rui Xiao Sichuan Agricultural University, China	Evaluating the Effects of Climate Change on India's Kameng River Basin's Water Supplies Juhi Dhuriya Indian Institute of Technology Guwahati, India
Closing Ceremony (D2-LP-05) (Chairs: Yiu Fai Tsang and Yu Bon Man)				
11:45-12:00	Award Presentation		Yiu Fai Tsang and Yu Bon Man Chair and Co-Chair of CHEER2024 The Education University of Hong Kong, Hong Kong	
12:00-12:10	WRE2024 Closing Remarks		Chih-Huang Weng General Chair of WRE20204 & Honorary Chair of CHEER2024	
12:10-12:20	CHEER2024 Closing Remarks		Ming Hung Wong Founding Chair of CHEER2024 & Honorary Chair of WRE20204	
12:20-12:30	Group Photo and Closing Ceremony			

Poster Presentation

No.	Poster Session	Title	Presenter	Institution
1	1	Research on Low-temperature Outflow Mitigation Strategy for Stable Stratification of Reservoirs for Irrigation Water Temperature Requirements	Ganggang Bai	Sichuan University, China
2	1	Experimental Study on the Plant-Growing Performance of Porous Concrete	Bin Yan	Shenyang Agricultural University, China
3	1	Quantitative Reproduction of Virus Filtration, Virus Removability and Protein/Virus Retention Within the Membrane Using an Advanced Multilayer Membrane Model	Hironobu Shirataki	Asahi Kasei Medical, Japan
4	1	Microbial Treatment of Azo Dye-contaminated Water Using Bimetallic Iron-Molybdenum Nanoparticles Immobilized <i>Deinococcus radiodurans</i> R1	Yong Jun Choi	University of Seoul, South Korea
5	1	Statistical Analysis for the Understanding of Change Detection and Trend Assessment of Selected Hydro-Meteorological Variables in the Semi-Arid Basin of Western India	Meeta Gupta	Indian Institute of Technology Bombay, India
6	1	A Study on Evaluation of Cyanotoxins Removal Efficiency in Drinking Water Treatment Processes	Hoon-Sik Yeom	Busan Water Quality Institute, South Korea
7	1	A Study on the Detection of Algal Toxins in Source Water Using LC/MS/MS and ELISA Methods	Eun-Young Jung	Busan Water Quality Institute, South Korea
8	1	Spatiotemporal Characteristics of Water Chemistry and Its Controlling Factors of Basong Lake in Xizang	Zhuoga Ciren and Gesang Quzhen	University of Tibet, China
9	1	Hydrogeological Modeling in the Archaeological Site Muyu Muyu – Chincheros – Apurímac	Rubén Esaú Mogrovejo Gutiérrez	Universidad Peruana de Ciencias Aplicadas - UPC, Perú
10	1	Effect of Moisture Transport on the Double ITCZs in Western Pacific	Chunlei Liu	Guangdong Ocean University, China
11	1	Advanced Rainfall Observation Framework Leveraging the Rainfall Intensity Estimation Technique Based on Rainfall Acoustics and Cloud-based Data Storage Service	Changhyun Jun	Korea University, South Korea

Poster Presentation

No.	Poster Session	Title	Presenter	Institution
12	2	Performance Evaluation of Dissolved Air Flotation for Removal of Microplastics from Water	Yuheng Tao	The Education University of Hong Kong, Hong Kong
13	2	Assessment of Organic Pollutants in Marine Water in Hong Kong	Basit Akolage Adigun	The Education University of Hong Kong, Hong Kong
14	2	Assessing Ecological and Human Health Risks of Weathered Microplastics in Marine Water in Hong Kong	Yan Laam Cheng	The Education University of Hong Kong, Hong Kong
15	2	The Role of Soil Organic Matter on Li Distribution in Terrestrial Ecosystems	Norah Muisa	The Chinese University of Hong Kong, Hong Kong
16	2	Conversion of Cattle Manure by CO ₂ -assisted Pyrolysis and Application of Biochar for the Adsorption of Antibiotic Sulfamethoxazole	Eunji Kim	Hanyang University, South Korea
17	2	Soil Metabolomics and Methylmercury Dynamics in Upland Ecosystems during Precipitation Events	Run Nan Lyu	The Chinese University of Hong Kong, Hong Kong
18	2	Influence of Microplastics Degradation and Biofilm Colonization on Mercury Sorption Capabilities	Ming Yin Yau	The Chinese University of Hong Kong, Hong Kong
19	2	Fomesafen-induced Disruption of Rhizospheric Nitrogen-fixing Microbes and the Role of <i>Sinorhizobium</i> sp. W16 in Enhancing Symbiotic Nitrogen Fixation and Herbicide Degradation	Wei Chen	Jiangsu Academy of Agricultural Sciences, China
20	2	Recycling of Stocking with CO ₂ and MSW Incinerator Bottom Ash	Do Eun Choi	Sungkyunkwan University, South Korea
21	2	Feedstock Recycling of Polycarbonate Waste through Thermochemical Conversion Supported by Municipal Solid Waste Incinerator Bottom Ash Sungkyunkwan University, South Korea	Sam Yeol Lim	Sungkyunkwan University, South Korea
22	2	Biodegradable Plastic Recycling Using MSW Incinerator Bottom Ash	Shuting Fu	Sungkyunkwan University, South Korea
*	2	Nanofiber-employed Colorimetric Passive Air Sampler for O ₃ Visualization	Seunghyun Weon	Korea University, South Korea

Poster Presentation

No.	Poster Session	Title	Presenter	Institution
23	3	The Environmental Health Value and Educational Approach to Electric Vehicle Battery Recycling: Policy Support for Sustainable Development	Ji Yeon Han	Hanyang University, South Korea
24	3	Dissolved Organic Carbon Mediated Mercury Speciation and Microbial Controls on Methylmercury Cycling in Upland Forest Soils	Xizi Yang	The Chinese University of Hong Kong, Hong Kong
25	3	Roles of Biofilm in Mercury Transformations in Aquatic Ecosystems	Ganxing Liu	The Chinese University of Hong Kong, Hong Kong
26	3	Environmental Stressors and Psychological Well-being: A Study of Construction Workers in High-temperature Environments	Yan Wai Chan	The Education University of Hong Kong, Hong Kong
27	3	Microbial Taxonomic and Functional Turnover under Cadmium Contamination in Paddy Fields: Patterns and Implications	Yuntao Li	Jiangsu Academy of Agricultural Sciences
28	3	Arsenic: A Hidden Hazard to Food Systems, Agriculture Sustainability, and Human Health	Md Iqram Uddin Al Amran	The Education University of Hong Kong, Hong Kong
29	3	Assessment of Human Health Risks in Multi-Metal Textile Areas	Khadeza Yasmin	The Education University of Hong Kong, Hong Kong
30	3	Assessment of Organic Pollutants in Wastewater in Hong Kong	Yee Ming Siu	The Education University of Hong Kong, Hong Kong
31	3	Polystyrene Nanoplastics Inhibit the Transformation of Tetrabromobisphenol A by the Bacterium <i>Rhodococcus jostii</i>	Shen Xu	Nanjing University, China
32	3	Ultra High-resolution Mass Spectrometry Characterization and Differentiation of Dissolved Organic Matter (DOM) Profile of Li Zhong Tang Decoction: A Pilot Study Applying Fourier Transform Ion Cyclotron Resonance Mass Spectrometry (FT-ICR MS) on Chinese Medicine Authentication	Lin Zhang	The Chinese University of Hong Kong, Hong Kong
33	3	Wildland Fire Severity on the Yield and Characteristics of Pyrogenic Organic Matter	Shiyue Zhang	The Chinese University of Hong Kong, Hong Kong
34	3	Artificial Intelligence-Assisted Environmental DNA Metabarcoding and High-Resolution Underwater Optical Imaging for Non-invasive and Innovative Marine Environmental Monitoring	Jing Yang	The Education University of Hong Kong, Hong Kong
35	3	Upcycling of Air Pollution Control Residues from Asphalt Mixing Plant into Value Added Artificial Aggregates through Cold-bond Technology	Yuguang Wang	The University of Nottingham Ningbo China
36	3	Comprehensive Microplastics Monitoring and Risk Assessment of Surface Water at Non-Gazetted Beaches in Hong Kong	Sidney Man-Ngai Chan	Hong Kong Metropolitan University, Hong Kong

General Information

Registration

Location: Located at the outside area of C-LP-11 on 16 December 2024

Operation Hour: 08:30-09:00 16 December 2024

On-site Payment: Only US dollars and Hong Kong dollars in cash will be accepted if you register on-site

Provided items:

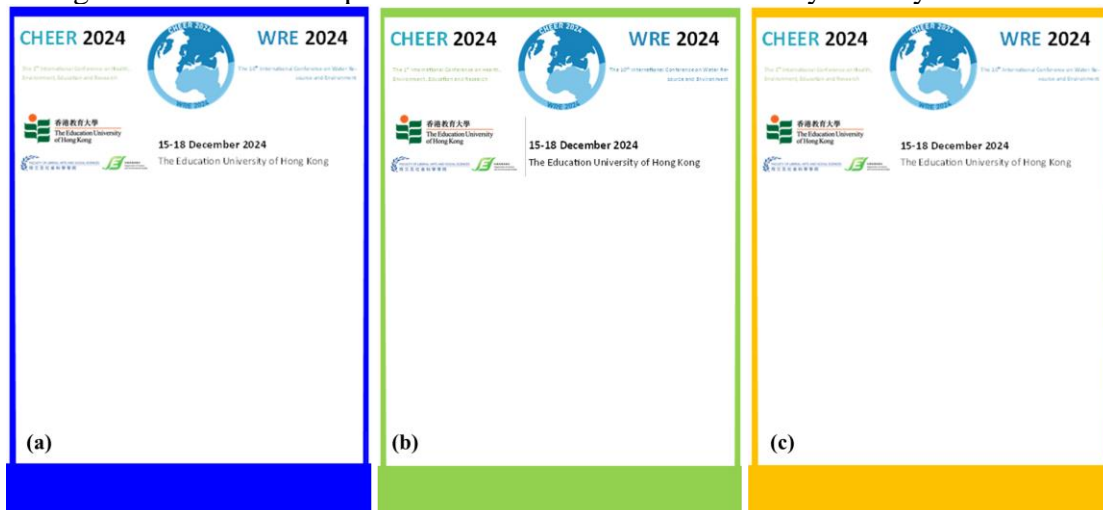
1. Name Badge
2. Information Bag
3. Registration Receipt

Registration Receipt

The official receipt will be provided to all the participants who have made the full payment. Please be informed that no replacement if you lost / damage the receipt.

Name Badge

For security reasons and easy recognition, please wear your name badge to all areas throughout the conference period. Colourful name cards are for your easy identification.



Blue name card (a):

VIPs & Plenary / Keynote / Invited Speakers

Green name card (b):

Participants

Orange name card (c):

Conference organizers



Lunch

Lunch will be provided during 16-17 December 2024. Please bring the lunch ticket inside your name badge.

Operation Time:	16-17 December 2024
Place:	Block C-P-02, New Canteen
Menu:	Buffet

Refreshment

Refreshment will be served each Tea Break Session (16-18 December 2024).

Banquet

The banquet ticket will be offered if you have registered to attend the banquet.

Date:	16 December 2024
Time:	18:30-21:00
Menu:	Buffet
Venue:	Riverside Ballroom, 1/F, Regal Riverside Hotel, 34-36 Tai Chung Kiu Road, Sha Tin

Certificate

“Certificate of Attendance” will be issued on 18 December 2024. If you cannot get the certificate at the scene, please contact the secretariat to get the e-file certificate after the conference.

Internet

Free Wi-Fi will be provided inside EdUHK Tai Po campus (conference venue). Reconnection is required every two hours.

Steps to Connect Wi-Fi

1. Select “Wi-Fi.hk via EdUHK”
2. Please click “Accept” to accept the “Terms of Use”

CHEER 2024

The 1st International Conference on
Health, Environment, Education and Research



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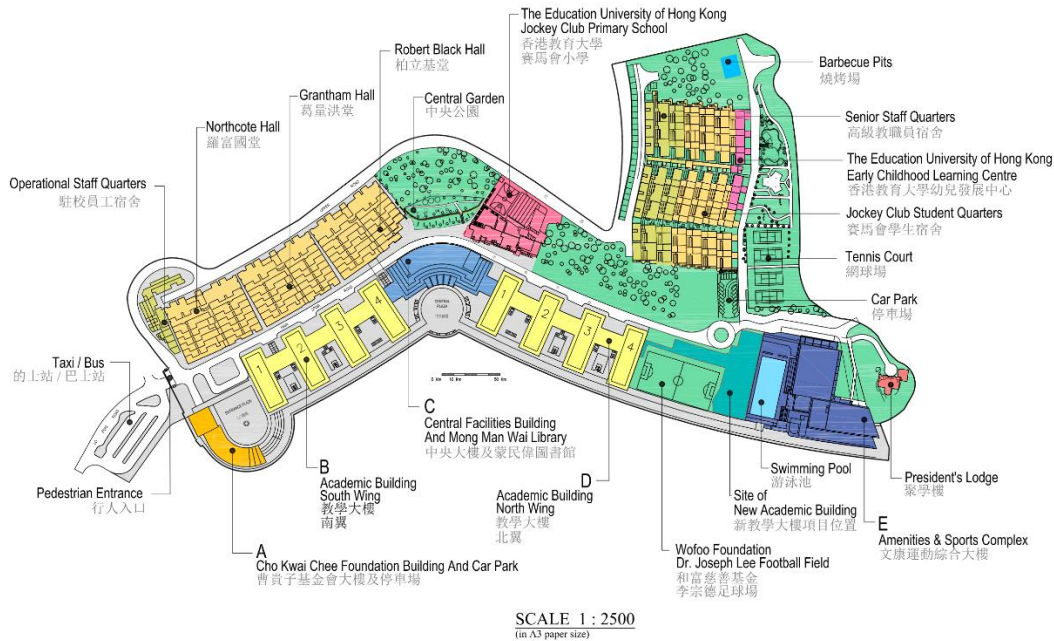
Conference Venues

Locations

Venue	Date	Session
C-LP-11	16 December 2024	Opening Ceremony, Plenary Speeches, and Keynote Speeches
D1-LP-04	16-18 December 2024	Keynote Speeches, Invited Speeches, and Oral Presentations
D1-LP-08	17-18 December 2024	Invited Speeches and Oral Presentations
D2-LP-05	16-18 December 2024	Keynote Speeches, Invited Speeches, Oral Presentations, and Closing Ceremony
D2-LP-09	17-18 December 2024	Invited Speeches and Oral Presentations

Campus Map

The Education University of Hong Kong
Tai Po Campus
香港教育大學大埔校園



Accommodation and Transportation

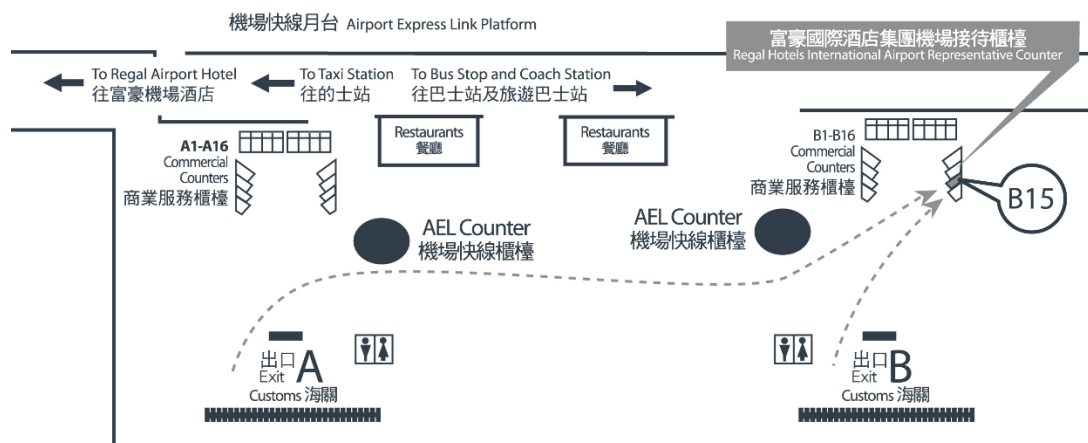
Accommodation

Hotel name:	Riverside Hotel
Address:	34-36 Tai Chung Kiu Road, Sha Tin, N.T., Hong Kong
Tel:	+852-2649-7878
E-mail:	rrh.info@regalhotel.com
Remark	Free shuttle bus service will be provided to and from the conference venue during the conference period, but follow first come, first served basis.

Airport Shuttle Bus Counter Map

Regal Hotels International Airport Representative Counter Location Map

富豪國際酒店集團機場接待櫃檯位置圖



Kindly contact Regal Hotels International Airport Representatives at "B15" Counter for shuttle bus service.
請到富豪國際酒店集團機場接待櫃檯「B15」與駐機場服務員查詢有關穿梭巴士服務。

Shuttle Bus Service Timetable

Shuttle Bus Service Timetable

穿梭巴士服務時間表

Regal Riverside Hotel 麗豪酒店	High Speed Rail West Kowloon Station [^] 高鐵西九龍站 [^]	Hong Kong International Airport Terminal 1 香港國際機場一號客運大樓
6:30	7:00	7:35
9:00	9:30	10:05
11:15	11:45	12:20
13:30	14:00	14:35
15:45	16:15	16:50
18:00	18:30	19:05
20:30*	-	21:10
22:30*	-	23:10

Regal Airport Hotel 富豪機場酒店	High Speed Rail West Kowloon Station [^] 高鐵西九龍站 [^]	Regal Riverside Hotel 麗豪酒店
8:00	8:30	9:00
10:15	10:45	11:15
12:30	13:00	13:30
14:45	15:15	15:45
17:00	17:30	18:00
19:30	20:00	20:30
21:20*	-	22:30
23:20*	-	0:00

*Shuttle bus will bypass High Speed Rail West Kowloon Station 酒店穿梭巴士將繞過高鐵西九龍站

[^]Pick up and drop off point of High Speed Rail West Kowloon Station is located at J1-J3 of Wai Man Road.
高鐵西九龍站上落客點位於匯民道J1-J3位置。

Hotels reserve the right to adjust the shuttle bus schedule at own discretion without prior notice. For details, please contact the hotel's Concierge.
酒店將保留更改班次權利，恕不另行通知。詳情請向 禮賓部查詢。



Shuttle Bus Schedule (from Hotel to EdUHK)

Direction	Pick-up Point	Drop-off Point	Department time		
			16 Dec	17 Dec	18 Dec
To EdUHK	Hotel entrance near Kong Pui Street	EdUHK Block D1	08:00 08:30	08:05 08:35	08:35
To Hotel	EdUHK Block D1	Regal Riverside Hotel	18:05	18:25	12:55

**The staff of CHEER 2024 will be there and guide you to get on the shuttle bus.*

Transportation

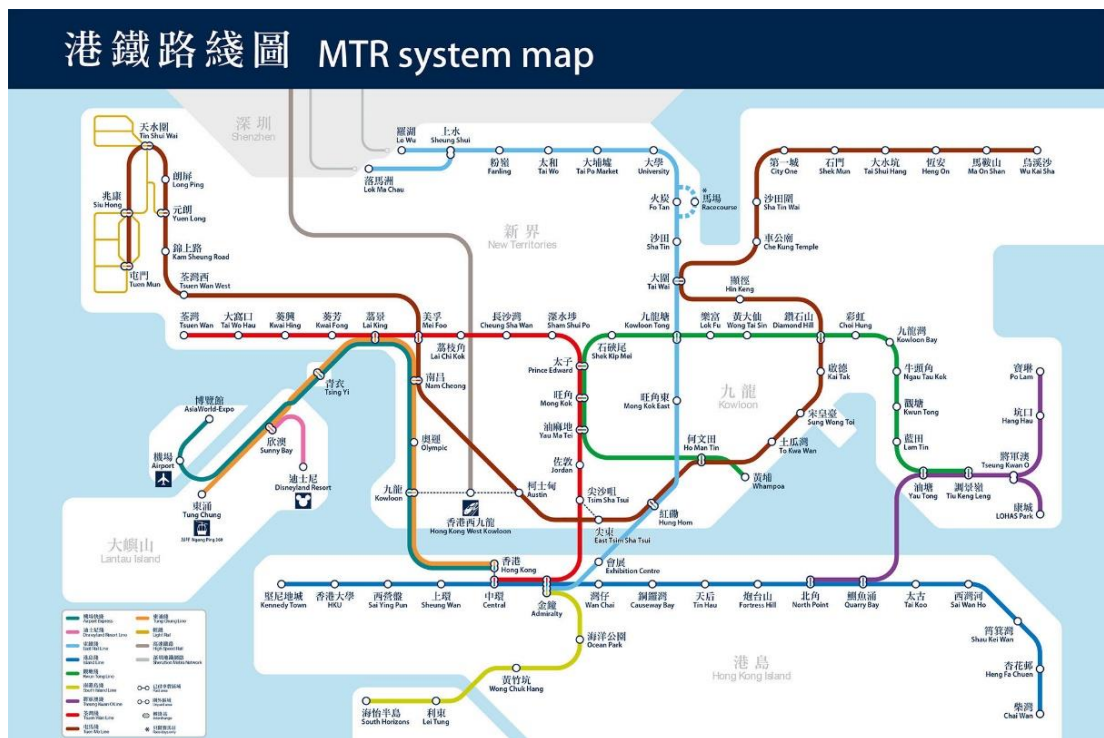
English version

Maps

(1) The Education University of Hong Kong (EdUHK)

Tai Po Campus is located at 10 Lo Ping Road, New Territories, Hong Kong. (In Chinese: 香港新界大埔露屏路十號 香港教育大學) (See page 31)

(2) Hong Kong MTR System Map



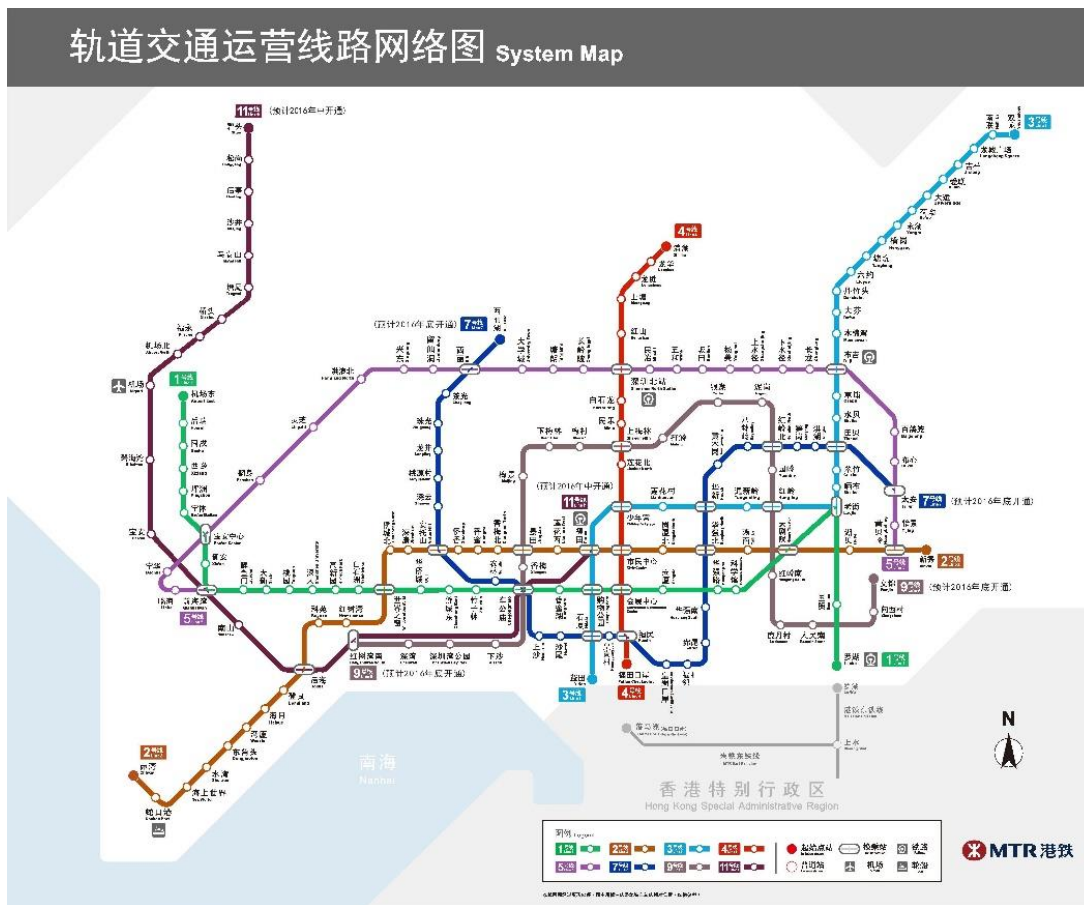
Transportation Maps



Driving Map



(3) Shenzhen Metro System Map



Public Transportation information

- (1) Taxi (or wheelchair-accessible taxi)
- (2) KMB bus
- (3) Hong Kong MTR
- (4) Shenzhen Metro
- (5) Hong Kong Nam Cheong Station

For more information, please refer to the [Transport Department](#) and the [Hong Kong Tourism Board \(HKTB\)](#) website.



Public Transportation

(1) Connections between Hong Kong International Airport and the Hotel

- Take the KMB Bus Route A41
- Take a taxi to the hotel direct

(2) Connections between Hong Kong Nam Cheong Station and the Hotel

- Travel on MTR at Nam Cheong Station, interchange station at Tai Wai Station to West Rail Line and alight at Sha Tin Station
- Take a taxi to hotel, or take public bus (Route 49X, towards Kwong Yuen), get off at (Regal Riverside Hotel) Station

(3) Connections between Shenzhen Airport and the Hotel

- Shenzhen metro Line 11 > Exchange to Line 1 at Chegongmiao Station > Luo Hu Station; or
- Shenzhen metro Line 11 > Exchange to Line 4 at Futian Station > Futian Checkpoint Station
- Cross the checkpoint to Hong Kong and travel on MTR at Lo Wu Station / Lok Ma Chau Station, alight at Sha Tin Station
- Take a taxi to hotel, or take public bus (Route 49X, towards Kwong Yuen), get off at Regal Riverside Hotel Station

(4) Connections between Hong Kong International Airport and the EdUHK

- Take KMB bus Route E41 to Tai Po Central Bus Terminus and then change to the KMB bus Route 74K
- Take a taxi to the EdUHK directly

(5) Connections between Nam Cheong Station and the EdUHK

- Travel on MTR at Nam Cheong Station, interchange station at Tai Wai Station to West Rail Line and alight at Tai Po Market Station
- Take a taxi to hotel, or
- Take the KMB bus Route 74K to the EdUHK Station

(6) Connections between Shenzhen Airport and the EdUHK

- Shenzhen metro Line 11 > Exchange to Line 1 at Cheongmiao Station > Lo Wu Station, or
- Shenzhen metro Line 11 > Exchange to Line 4 at Futian Station > Futian Checkpoint Station
- Cross the checkpoint to Hong Kong and travel on MTR at Lo Wu Station / Lok Ma Chau Station, alight at Tai Po Market Station
- Take the KMB bus Route 74K to the EdUHK Station

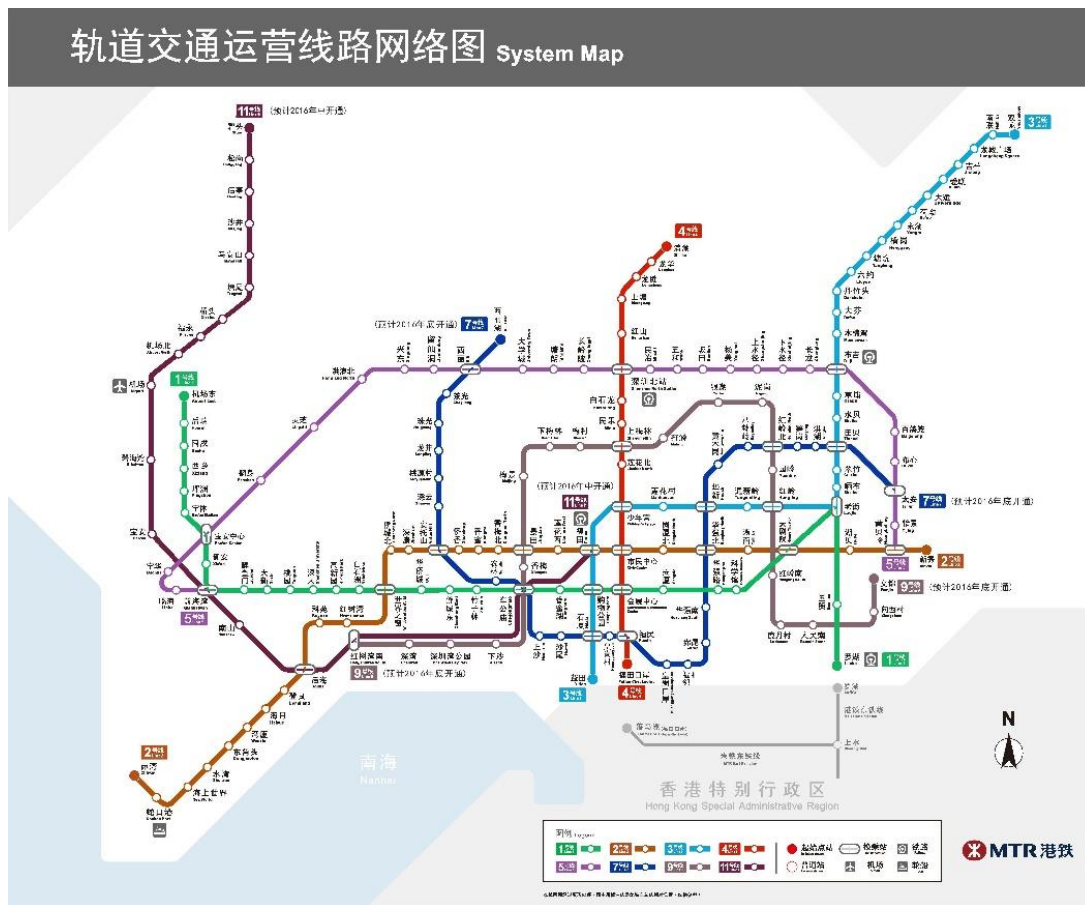
交通地图



驾驶路线图



(3) 深圳地铁路线图



公共交通工具数据

- (1) 的士 (或 轮椅使用者的士)
- (2) 九巴
- (3) 港铁
- (4) 深圳地铁
- (5) 香港南昌站

如需获取更多信息，请参阅[运输署](#)及[香港旅游发展局](#)网站。



公共交通工具换乘方案

(1) 由 香港国际机场 往 丽豪酒店

- 机场乘搭九巴 A41 于丽豪酒店站下车
- 乘的士直接往酒店

(2) 由 南昌站 往 丽豪酒店

- 出站后乘搭香港地铁，由西铁站南昌站上车，在红磡站换乘东铁线达到沙田站
- 乘的士直接往酒店或
- 乘搭九巴 49X（往广源巴士总站方向）于丽豪酒店站下车

(3) 往 深圳宝安机场 往 丽豪酒店

- 乘坐深圳地铁 11 号线，在车公庙站换乘 1 号线到罗湖站下车 或
- 乘坐深圳地铁 11 号线，在福田站换乘 4 号线到福田口岸站下车
- 过关后与罗湖站 / 落马洲乘坐东铁线至沙田站
- 乘坐的士直接往酒店或
- 乘坐九巴 49X（往广源巴士总站方向）于丽豪酒店站下车

(4) 由 香港国际机场 往 香港教育大学

- 乘坐九巴 E41 到大埔中心巴士总站（终点站），换乘 74K 到香港教育大学站
- 乘的士直接往香港教育大学

(5) 由 南昌站 往 香港教育大学

- 出站后乘搭香港地铁，由西铁站南昌站上车，在红磡站换乘东铁线达到大埔墟站
- 乘的士直接往香港教育大学或
- 乘搭九巴 74K（往广源巴士总站方向）到香港教育大学站

(6) 由 深圳宝安机场 往 香港教育大学

- 乘坐深圳地铁 11 号线，在车公庙站换乘 1 号线到罗湖站下车 或
- 乘坐深圳地铁 11 号线，在福田站换乘 4 号线到福田口岸站下车，
- 过关后于罗湖站 / 落马洲站乘坐东铁线至大埔墟站
- 乘搭九巴 74K（往广源巴士总站方向）到香港教育大学站



Emergency Service

In emergency situations, you can contact the local police, ambulance service, fire department and other emergency services by calling 999.

Lost Passport

If you lose your passport, make a 'lost report' at the nearest police station (call the Police Hotline 2527 7177 for locations or refer to their website to find a Report Room). Then contact your consulate to have your passport replaced.

Lost or Stolen Wallet

If your wallet or valuables are lost or stolen, please notify your hotel immediately and report the theft to police. Keep a separate record of your credit card numbers and report the loss to your card issuers as quickly as possible. Please check with your credit card issuers or insurance company for emergency assistance. Most issuers have toll-free numbers and 24-hour services to deal with such emergencies.

Emergency Service (police, fire, ambulance)	999
Police Hotline	+852 2527 7177
Travel Industry Council of Hong Kong	+852 2807 0707
Hong Kong Tourism Board Visitor Hotline	+852 2508 1234
Hong Kong International Airport	+852 2181 8888
Hong Kong Immigration Department	+852 2864 6111
Consumer Council	+852 2929 2222
Department of Health	+852 2961 8989
Customs and Excise Department 24-Hour Hotline	+852 2815 7711
Hong Kong Post	+852 2921 2222
Hong Kong Observatory (for weather information)	+852 1878 200
Hong Kong Hotels Association Hotel Reservation Hotline	+852 2383 8380/ +852 2769 8822
Telephone Directory Enquiries	1081

