



第九届国际污水流行病学大会

TESTING THE WATERS-9TH INTERNATIONAL CONFERENCE
ON WASTEWATER-BASED EPIDEMIOLOGY

会议手册

Conference Handbook



中国·江苏常熟

Changshu, Jiangsu Province, China

2026年10月22日-25日

October 22-25, 2026

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欢迎辞 Welcome Message

尊敬的各位同仁、朋友们：

我们诚挚欢迎各位参加第九届国际污水流行病学大会（WBE）。本次大会于 2026 年 10 月 22 日至 25 日在中国江苏常熟举行。

自 2019 年第四届国际污水流行病学大会在中国广东佛山成功举办以来，污水流行病学领域经历了前所未有的发展。新冠疫情的全球大流行更加凸显了污水流行病学在公共卫生监测中的重要作用，推动其在世界各地得到更加广泛的应用，也见证了全球科研共同体的不断壮大。

本次大会汇聚了来自世界各地的专家学者，共同分享污水流行病学领域的最新科研进展、创新方法与实践经验，为深入交流思想、探讨前沿问题、推动跨领域合作搭建重要平台。我们期待通过开放而富有成果的交流与讨论，进一步凝聚全球共识，推动污水流行病学发展，为全球健康安全作出更加积极的贡献。

衷心祝愿各位在常熟度过一段充实、精彩而愉快的会议时光，并在这里收获新的思考、友谊与合作！

第九届国际污水流行病学大会组委会

Dear Colleagues and Friends,

It is our great pleasure to extend a warm welcome to you for the 9th International Conference on Wastewater-Based Epidemiology (WBE), to be held from October 22nd to 25th, 2026, in the beautiful city of Changshu, Jiangsu Province, China.

Since the 4th conference that was successfully held in China (Foshan, Guangdong) in 2019, the field of WBE has witnessed unprecedented growth and recognition. The COVID-19 pandemic has profoundly highlighted its critical role in public health surveillance, leading to increased adoption by health authorities worldwide and a significant expansion of our global research community.

This conference will serve as a vital platform to share the latest scientific advancements, innovative methodologies, and practical experiences in WBE. We look forward to stimulating discussions and fruitful collaborations that will further strengthen the contribution of this field to global health security.

We wish you a productive, inspiring, and enjoyable conference in Changshu!

Sincerely,

The TTW9 Organizing Committee

组织委员会 Organizing Committee



Xiaoming Shi (Chair)
China CDC, China



Xiqing Li (Chair)
Peking University, China

Lubertus Bijlsma
Universitat Jaume I, Spain

Sara Castiglioni
Mario Negri Institute, Italy

Lin Wang
National Institute of Environmental Health, China
CDC, China

Song Tang
National Institute of Environmental Health, China CDC,
China

Bin Wang
Peking University, China

组织机构 Organizers



主办单位：北京大学城市与环境学院
Organizer: College of Urban and Environmental Sciences
Peking University



联合主办单位：中国疾病预防控制中心环境与健康相关产品安全所
Co-organizer: National Institute of Environmental Health
Chinese Center for Disease Control and Prevention (China CDC)



联合主办单位：传染病溯源预警与智能决策全国重点实验室
Co-organizer: National Key Laboratory of Intelligent Tracking and
Forecasting for Infectious Diseases, China CDC

大会主旨报告人 Plenary Speakers



Jochen Mueller
Professor, University of
Queensland, Australia



Sally J. Edwards
Unit Head, Center for Environment
and Health, WHO Asia-Pacific



Barbara Kasprzyk-Hordern
Professor, University of Bath,
United Kingdom



Tong Zhang
Professor, University of
Hong Kong, China



David Larsen
Professor, Syracuse
University, United States

学术委员会 Scientific Committee

Dan Burgard
University of Puget Sound,
United States

Jiaying Li
The University of Sydney, Australia

Min Yang
Research Center for Eco-
Environmental Sciences, Chinese
Academy of Sciences, China

Enric Cuevas-Ferrando
Universitat Jaume I, Spain

João Matias
European Union Drugs Agency,
Portugal

Zhugen Yang
Cranfield University, United Kingdom

Zhen Ding
Jiangsu CDC, China

Alexander van Nuijs
University of Antwerp, Belgium

Xiaoyuan Yao
National Institute of Environmental
Health, China CDC, China

Xia Huang
Tsinghua University, China

Jeong-Eun Oh
Pusan National University,
Republic of Korea

Yong Zhang
National Institute for Viral Disease
Control and Prevention, China CDC,
China

Biao Kan
National Institute for
Communicable Disease Control
and Prevention, China CDC, China

Phong Thai
University of Queensland, Australia

Barbara Kasprzyk-Hordern
University of Bath, United Kingdom

Degao Wang
Dalian Maritime University, China

Lan Zhang
National Institute of Environmental
Health, China CDC, China



大会议程 Technical Program

2026 年 10 月 22 日 星期四 October 22, 2026 Thursday		
9:00-21:00	Conference Registration	
17:30-19:30	Dinner	

2026 年 10 月 23 日 星期五 October 23, 2026 Friday			
开幕式 Opening Ceremony		常熟厅 Changshu Grand Ballroom (1F)	
Chair: Xiqing Li, Peking University, China			
8:30-8:45	Welcome from Changshu Municipal People's Government		Changshu Municipal People's Government China
	Welcome from College of Urban and Environmental Sciences (CUES) of Peking University		Jian Peng CUES, Peking University China
	Opening Address & Declaration of the Conference		Xiaoming Shi China CDC China
主旨报告 Plenary Session I		常熟厅 Changshu Grand Ballroom (1F)	
Chair: Xiaoming Shi, China CDC, China			
1	8:45-9:15	Wastewater-Based Surveillance Programs in Australia – from Illicit Drugs to Infectious Disease! What Next?	Jochen Mueller The University of Queensland Australia
2	9:15-9:45	International Perspective, Strategic Direction and Lessons for Sustainable WES	Sally J. Edwards WHO Asia-Pacific
3	9:45-10:15	Urban Wastewater Surveillance in China	Song Tang NIEH, China CDC China
10:15-10:30		Coffee Break	
主旨报告 Plenary Session II		常熟厅 Changshu Grand Ballroom (1F)	
Chair: Sara Castiglioni, Mario Negri Institute for Pharmacological Research, Italy			
4	10:30-11:00	Linking Wastewater to Socioeconomic and Health Outcomes: A New Tool for Hypothesis Generation	Barbara Kasprzyk-Hordern University of Bath United Kingdom
5	11:00-11:30	Sewage Surveillance of AMR Using Metagenomics	Tong Zhang University of Hong Kong China

6	11:30-12:00	Wastewater Surveillance as a Pillar of Public Health	David Larsen Syracuse University United States
12:00-13:30		Lunch Break	
Meet the Editors		常熟厅 II Changshu Grand Ballroom II (1F)	
Chair: Bin Wang, College of Public Health, Peking University			
1	12:30-12:50	Nature Health: A New Home for Population Health Research	Siyi Lin Nature Health, Springer Nature
2	12:50-13:20	Discussion	
分会场 1: 污水流行病学方法学新进展 I		常熟厅 I Changshu Grand Ballroom I (1F)	
Parallel Session 1: New Methodological Development of Wastewater-Based Epidemiology I			
Co-chairs: Tara Sabo-Attwood, University of South Carolina, United States		Christian Wurzbacher, Technical University of Munich, Germany	
1	13:30-13:45	Transferability of the ANNA-WES Data Model for Reliable Biomarker Tracking in Wastewater and Environmental Surveillance	Christian Wurzbacher Technical University of Munich Germany
2	13:45-14:00	Key Lessons from Multi-Country Environmental Surveillance Programs for Wastewater-Based Epidemiology in Low-, Middle-, and High-Income Settings	Pengbo Liu Emory University United States
3	14:00-14:15	Sludge-Based Epidemiology: A New Approach to Complement Wastewater-Based Epidemiology	Jiayue Luo Ningbo University China
4	14:15-14:30	Objective-Specific Evaluation of Wastewater Surveillance Sites for SARS-CoV-2 and Influenza A	Zichao Wang Beijing CDC China
5	14:30-14:45	Not Only the Pathogens: Host Factor Surveillance from Wastewater-Based Epidemiology to Cold Chain-Based Epidemiology	Jun Liu Guangzhou Laboratory China
6	14:45-15:00	Prioritizing Relative Abundance over Absolute Concentration: A Hybrid Capture-Based Workflow for Enhanced Viral Sequencing from Wastewater	Peiyang Sang School of Environment, Tsinghua University China

分会场 2: 污水中标志物检测新技术 I
Parallel Session 2: New Techniques to Detect Biomarkers in Wastewater I
Co-chairs: Xiaohong Zhou, Tsinghua University, China
Zhugen Yang, Cranfield University, United Kingdom

常熟厅 II Changshu Grand Ballroom II (1F)

1	13:30-13:45	Development and Application of a Low Cost Automated Sewage Virus Surveillance Device for Wastewater-Based Epidemiology	Min Yang Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences China
2	13:45-14:00	Design of an Internet of Things (IoT)-Driven Early Warning System for Real-Time C-Reactive Protein (CRP) Detection in Wastewater	Muhammad Dangana University of Bath United Kingdom
3	14:00-14:15	Engineering Covalent Bonding Peptide for Selective Virus Capture in Wastewater	Xiaohong Zhou Tsinghua University China
4	14:15-14:30	Origami Paper Microfluidic Device for the Detection of Viable Bacteria	Carla Spatola Rossi Cranfield University United Kingdom
5	14:30-14:45	CRISPR-Based Microfluidic Device Monitoring Viruses for Wastewater-Based Epidemiology	Kang Mao Institute of Geochemistry, Chinese Academy of Sciences China
6	14:45-15:00	Development of a Quality-Assured RT-dPCR Platform for Wastewater Surveillance: From SARS-CoV-2 Detection to Multiplex Respiratory Virus Monitoring	Jiayi Han NIEH, China CDC China

分会场 3: 通过污水监测毒品和新精神活性物质滥用 I
Parallel Session 3: Wastewater-Based Monitoring of Illicit Drugs and NPS Use I
Co-chairs: Dan Burgard, University of Puget Sound, United States
Degao Wang, Dalian Maritime University, China

琴川厅 Qinchuan Conference Room (3F)

1	13:30-13:45	After More Than a Decade of Wastewater Drug Monitoring in Europe: Where Are We Going Now?	João Matias European Union Drugs Agency Portugal
2	13:45-14:00	Correction Factors for Fentanyl, Oxycodone, and Tramadol for WBE Approach	Phong Thai The University of Queensland Australia
3	14:00-14:15	Occurrence, Mass Loading, and Wastewater-Based Epidemiology of 70 Drugs and Their Metabolites in Rural Central New York State, USA	Zhongmin Li Nankai University China
4	14:15-14:30	Wastewater-Based Evidence of Dynamic Isomeric Switching in 2-, 3-, and 4-Methylmethcathinone Use in Belgium	Natan Van Wichelen Toxicological Centre, University of Antwerp Belgium

5	14:30-14:45	Screening of New Psychoactive Substances and Abuse Drugs in South Korean Wastewater: Comparative Insights from Orbitrap/MS, Q-TOF, and Q-Trap Mass Spectrometry	Na Mi Lee Pusan National University South Korea
6	14:45-15:00	Lessons from 15 Years of Drug Monitoring in South Australia	Cobus Gerber Adelaide University Australia
	15:00-15:30	Coffee Break	

分会场 4: 污水流行病学方法学新进展 II
Parallel Session 4: New Methodological Development of Wastewater-Based Epidemiology II
Co-chairs: Guangming Jiang, University of Wollongong, Australia
Yue Liu, NIEH, China CDC, China

常熟厅 I Changshu Grand Ballroom I (1F)

1	15:30-15:45	Wastewater Surveillance in Singapore: From Pandemic Response to Resilient Public Health Infrastructure	Benjamin Lee National Environment Agency Singapore
2	15:45-16:00	Adapting Wastewater Monitoring for Uzbekistan-Specific Biomarkers of Antibiotic Resistance and Gastrointestinal Pathogens	Malokhatkhon Tashpulatova Republican Specialized Scientific-Practical Medical Center of Epidemiology, Microbiology and Infectious Diseases Uzbekistan
3	16:00-16:15	Residential Septic Tanks Reshape Viral Fate and Distort Wastewater-Based Epidemiology Signals	Shaolin Yang Tsinghua University China
4	16:15-16:30	Evaluating the Impact of Reduced Sampling on United States Wastewater Surveillance Performance	Nicole Pulido Syracuse University United States
5	16:30-16:45	From Global Practice to Experimental Evidence: Comparative Evaluation of Virus Concentration and Quantification Methods for Wastewater-Based SARS-CoV-2 Surveillance Across 34 Laboratories	Shifu Peng Jiangsu CDC China
6	16:45-17:00	Pathogens and Antimicrobial Resistance Genes Flow among the One Health Sectors	Xin Lu ICDC, China CDC China
7	17:00-17:15	Uncertainty-Aware Prediction of Population-Level AMR Risk Using Wastewater Resistance-Associated Indicators	Yuheng Li Wuhan University China
8	17:15-17:30	From Wards to Sewers: Building-Level Wastewater Surveillance of Carbapenem-Resistant Organisms in a Tertiary Hospital	Yuda Fei Peking Union Medical College Hospital China



分会场 5: 污水中标志物检测新技术 II Parallel Session 5: New Techniques to Detect Biomarkers in Wastewater II Co-chairs: Masaaki Kitajima, The University of Tokyo, Japan Yu Xia, Southern University of Science and Technology, China			常熟厅 II Changshu Grand Ballroom II (1F)
1	15:30-15:45	Coupling Filter Mating with Nanopore Selective Sequencing Expands Capturable Conjugative Plasmid Recovery in Biological Wastewater Treatment Systems	Yu Xia Southern University of Science and Technology China
2	15:45-16:00	Towards Ultra-Sensitive and Rapid Near-Source Wastewater-Based Epidemiology Using Quantum-Enhanced Nanodiamond Lateral Flow Biosensing	Da Huang University College London United Kingdom
3	16:00-16:15	Exploration and Practice of Wastewater Surveillance with Hybrid Capture-Based Sequencing	Cheng Guo Sun Yat-sen University China
4	16:15-16:30	Protein Biomarkers in Wastewater as Sentinels of Population Health: Towards an Omics-Integrated Early-Warning Platform	Sumrati Gurtoo University of Bath United Kingdom
5	16:30-16:45	Quantifying Norovirus Variant Diversity from Wastewater Metagenomic Sequencing: Read Assignment Framework and Reference Panel-Mediated Consensus Reconstruction	Jing Lu Guangdong Provincial Institute of Public Health China
6	16:45-17:00	Screening of Wastewater Biomarkers of Ibuprofen and Application of the Selected Biomarker for Early Warning of Febrile Infectious Disease Outbreaks	Qun Gao Beijing CDC China
7	17:00-17:15	Single-Molecule Escape-Time Stereometry for Rapid Identification of Emerging Pathogen Variants in Wastewater	Jiaxing Sun Cranfield University United Kingdom
8	17:15-17:30	Application of SeqAll Sequencing in Wastewater Pathogen Surveillance	Wansi Mao MGI Tech China

分会场 6: 通过污水监测毒品和新精神活性物质滥用 II Parallel Session 6: Wastewater-Based Monitoring of Illicit Drugs and NPS Use II Co-chairs: Cobus Gerber, Adelaide University, Australia João Matias, European Union Drugs Agency, Portugal			琴川厅 Qinchuan Conference Room (3F)
1	15:30-15:45	Drug Monitoring and Early Warning via Wastewater Analysis in China	Xiaoyu Zheng National Narcotics Laboratory China
2	15:45-16:00	Establishing a Spatiotemporal Baseline of Kava (Piper Methysticum) Consumption in Australia by WBE	Bradley Simpson Adelaide University Australia
3	16:00-16:15	Wastewater Intelligence: Staying Ahead in the Drug Cat-and-Mouse Game	Andrew Chappell PHF Science New Zealand
4	16:15-16:30	Assessing the Impact of Regulatory Policies on National Trends in New Zealand Nicotine Consumption	Jianglu Zhao The University of Queensland Australia
5	16:30-16:45	Uncovering Bangkok's Community Drug Profile through Wastewater-Based Epidemiology	Akarapan Rojjanapinun Chulalongkorn University Thailand
6	16:45-17:00	Beyond Tranq-Dope: WBE-Based National Surveillance of Xylazine in Türkiye	Merve Kuloglu Genc Istanbul University-Cerrahpaşa Türkiye
	17:30- 19:30	Dinner	

2026 年 10 月 24 日 星期六 October 24, 2026 Saturday		
分会场 7: 污水中病原体监测 I Parallel Session 7: Wastewater-Based Surveillance of Pathogens I Co-chairs: Zhen Ding, Jiangsu CDC, China Fujie Xu, Duke Kunshan University, China		
1	8:30-8:45	Advancing Wastewater Surveillance in Japan: Technological Innovation, Multi-Pathogen Monitoring, and Public Health Implementation Masaaki Kitajima The University of Tokyo Japan
2	8:45-9:00	Near-Source Wastewater Surveillance for Dengue Early Warning and Source Tracing: A Community-Scale Approach in Guangzhou, China Zhoubin Zhang Guangzhou CDC China
3	9:00-9:15	Beyond COVID: Wastewater Surveillance Reveals the Epidemiological Patterns of Multi-Pathogens Chenyang Xu Tsinghua University China
4	9:15-9:30	Developing a Wastewater Environmental Surveillance Framework in Pakistan: Stakeholder Engagement and Multi-Pathogen Genomic Surveillance Zoya Fatima Aga Khan University Pakistan
5	9:30-9:45	Cross-Border Wastewater Surveillance Reveals Norovirus GI and GII Dynamics Across Institutional and Municipal Networks in Canada and the USA Qiudi Geng University of Windsor Canada
6	9:45-10:00	Wastewater Surveillance in the Hainan Free Trade Port: Project Overview Huihui Sun NIEH, China CDC China
分会场 8: 污水基因组监测技术与应用 Parallel Session 8: Wastewater Genomic Surveillance Co-chairs: Zhemin Zhou, Soochow University, China Vincent Pang, Duke-NUS Medical School, Singapore		
1	8:30-8:45	Core-Genome Language Model Reveals Scale-Dependent Bacterial Population Structure and Cross-Species Strain-Level Linkage in Global Wastewater Metagenomics Zhemin Zhou Soochow University China
2	8:45-9:00	Wastewater Surveillance for Early Pathogen Detection in Asia Vincent Pang Duke-NUS Medical School Singapore
3	9:00-9:15	High-Throughput Sequencing Unveils the Virome Characteristics of Wastewater in Gansu Province, China (2024–2026) Jinbo Xiao IVDC, China CDC China
4	9:15-9:30	Enhanced Norovirus Genomic Surveillance in Wastewater Using Hybrid Capture Enrichment Alyson Kidd Emory University United States
5	9:30-9:45	Wastewater Metatranscriptomics for Novel Viral Pathogen Discovery and Early Warning Mang Shi Sun Yat-sen University China

6	9:45-10:00	Cascading Deconvolution of Multi-Virus Sequencing Data for Lineage-Level Wastewater Surveillance Kun Yang Sichuan University China
分会场 9: 通过污水监测药物使用 Parallel Session 9: Wastewater-Based Monitoring of Pharmaceutical Use Co-chairs: Jeong-Eun Oh, Pusan National University, South Korea Li Ling, Beijing Normal University, China		
1	8:30-8:45	Wastewater Assessment of Temporal and Spatial Trends of Psychoactive Pharmaceuticals Use in Italy Marco Fossati Mario Negri Institute for Pharmacological Research Italy
2	8:45-9:00	Spatiotemporal Dynamics of Oxypurinol and Metformin in Australian Wastewater: Linking Pharmaceutical Loads to Socioeconomic Change Across Census Years Qiuda Zheng The University of Queensland Australia
3	9:00-9:15	Are We Targeting the Right Signal? Penicilloic Acid as a Proxy for Amoxicillin Wastewater-Based Surveillance Enric Cuevas-Ferrando Universitat Jaume I Spain
4	9:15-9:30	Identifying the Sources of Ketamine in Wastewater through Chiral and Concentration Analysis Zeqiong Xu Zhejiang Normal University China
5	9:30-9:45	Wastewater-Based Epidemiology for Monitoring Gabapentinoid Consumption in Belgium: Method Development, Validation and Application Yasmine Gridda University of Antwerp Belgium
6	9:45-10:00	Wastewater-Based Epidemiology Reveals Spatiotemporal Patterns and Potential Drivers of Antidepressant Use in Representative Chinese Cities Juan Liu NIEH, China CDC China
	10:00-10:30	Coffee Break



分会场 10：污水中病原体监测 II
Parallel Session 10: Wastewater-Based Surveillance of Pathogens II
Co-chairs: Yong Zhang, National Institute for Viral Disease Control and Prevention, China CDC, China
Kerrigan McCarthy, National Institute for Communicable Diseases, South Africa

常熟厅 I Changshu Grand Ballroom I (1F)

1	10:30-10:45	Implementation of Multipathogen Wastewater Surveillance in South Africa, 2021-2026	Kerrigan McCarthy National Institute for Communicable Diseases South Africa
2	10:45-11:00	Environmental Surveillance of Polioviruses in Sewage in China	Yong Zhang IVDC,China CDC China
3	11:00-11:15	High-Frequency Wastewater Metagenomics Resolves a Seasonal High-Risk ARG Window and Identifies Escherichia coli as a Recurrent High-Risk ARG Carrier	Ziqi Wu Shenzhen CDC China
4	11:15-11:30	Early Detection, Investigation, and Characterization of SARS Coronavirus 2 (COVID-19) in Sewage Water in Kuwait Using Real-Time RT-PCR	Mohammad Alotaibi Kuwait Institute for Scientific Research Kuwait
5	11:30-11:45	Long-Term Wastewater Surveillance of Human Adenoviruses Reveals Temporal Dynamics and Molecular Diversity in Sapporo, Japan (2018–2025)	Lan Cheng The University of Tokyo Japan
6	11:45-12:00	Tracing an Outbreak in a Conflict Zone: Environmental Surveillance of VDPV2 in Gaza 2024-2025	Itay Bar-Or Ministry of Health Israel
7	12:00-12:15	Integrated Port-to-Catchment Wastewater Surveillance in a China–ASEAN Gateway City: Three-Year Practice from Nanning, China	Hong Xu Nanning CDC China

分会场 11：污水中耐药基因监测
Parallel Session 11: Monitoring Antimicrobial Resistance in Wastewater
Co-chairs: Jorge Olivares-Pacheco, Pontificia Universidad Católica de Valparaíso, Chile
Yu Zhang, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China

常熟厅 II Changshu Grand Ballroom II (1F)

1	10:30-10:45	Wastewater-Based Epidemiology Unveils Dynamics of Carbapenem Resistance in Multinational Hospital Wastewater	Yu Zhang Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences China
2	10:45-11:00	Wastewater as a Sentinel System for Three-Year Longitudinal Surveillance of Antimicrobial Resistance in Santiago, Chile	Jorge Olivares-Pacheco Pontificia Universidad Católica de Valparaíso Chile
3	11:00-11:15	Relationship Among Residential BPA Exposure, Personal Pressure, and Social-Economic Status Indicated by Wastewater Informatics: A Case Study in Zhuhai	Li Ling Beijing Normal University China

4	11:15-11:30	Wastewater Surveillance of Macrolide Antibiotics and Resistance During Pandemic (2020-2022) in Milan, Italy	Valentina Ugolini Mario Negri Institute for Pharmacological Research Italy
5	11:30-11:45	Comparing the Temporal Dynamics of Antibiotic Resistance Genes and ESBL Producing Enterobacteriaceae in Wastewater from Three Geographically Close Catchments in Southwest England.	Bibian Okokhere-Edeghoghon University of Bath United Kingdom
6	11:45-12:00	A Longitudinal Multi-Setting Wastewater Surveillance Atlas of Antimicrobial Resistome in Chinese Megacities	Shuxian Li NIEH, China CDC China
7	12:00-12:15	Whole-Genome Sequencing Uncovers High Diversity of Co-Resistance Genes in Tet(X4)-Carrying Bacteria from Pig Slaughterhouse Wastewater	Muhammad Shoaib Yangzhou University China

分会场 12：人工智能和污水流行病学
Parallel Session 12: Artificial Intelligence and Wastewater-Based Epidemiology
Co-chairs: Bin Wang, Peking University, China
Mang Shi, Sun Yat-sen University, China

琴川厅 Qinchuan Conference Room (3F)

1	10:30-10:45	Mapping Global Human Health Risk through Wastewater Surveillance	Bin Wang Peking University China
2	10:45-11:00	Machine Learning Identifies Nucleic Acid Extraction as the Dominant Driver of Recovery Efficiency in Multi-Pathogen Wastewater Surveillance	Mozammel Hoque University of Wollongong Australia
3	11:00-11:15	Machine Learning-Driven Image Analysis for Paper-Based Microfluidic Detection of Multiplex Norovirus in Wastewater	David Fadimu Cranfield University United Kingdom
4	11:15-11:30	Risk Assessment of Antimicrobial Resistance Transfer Within Microbial Community via a Metagenomics-Based Machine Learning Framework	Fang Huang Harbin Institute of Technology China
5	11:30-11:45	Big Data Mining and Machine Learning-Based Risk Identification of Antimicrobial Resistance in Livestock Manure and Microbial Source Tracking Model Development	Heng Li Soochow University China
6	11:45-12:00	Data-Driven Identification and Assessment of Microbial Risks in Rivers and Lakes	Donglin Wang Shandong University China
7	12:00-12:10	Embracing AI in Chemistry and Academic Publishing	Xiaogang Jiang ACS Publications China

	12:15-13:30	Lunch Break	
	12:15-13:15	壁报展示 Poster Session	琴湖厅走廊 Qinhu Ballroom Corridor (1F)
	13:15-13:25	壁报颁奖 Poster Award Ceremony	常熟厅 I Changshu Grand Ballroom (1F)



分会场 13: 污水中病原体监测 III
Parallel Session 13: Wastewater-Based Surveillance of Pathogens III
Co-chairs: Enric Cuevas-Ferrando, Universitat Jaume I, Spain
Yuwei Xie, Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment, China

常熟厅 I Changshu Grand Ballroom I (1F)

1	13:30-13:45	Twenty Years of Wastewater Surveillance in Lombardy (Northern Italy): From Poliovirus Eradication to Integrated Monitoring of Emerging Viral Threats	Sara Castiglioni Mario Negri Institute for Pharmacological Research Italy
2	13:45-14:00	A Pathogen Surveillance System Based on Wastewater Monitoring at Multi-Confluence Inflow Points	Lifeng Pan Fudan University China
3	14:00-14:15	Method Development for COVID-19 Wastewater Surveillance and the Establishment of Canada's Wastewater Surveillance Network	Yuwei Xie Nanjing Institute of Environmental Sciences (NIES), Ministry of Ecology and Environment (MEE) China
4	14:15-14:30	Tracking Resurgence of SARS-CoV-2 in Shenzhen, China, 2023–2025: Evidence from Wastewater, Clinical, and Climatic Data	Bincai Wei Shenzhen CDC China
5	14:30-14:45	Detection of SARS-CoV-2, Influenza A, Influenza B and Respiratory Syncytial Virus in Neighborhoods of the Canal Do Cunha Sub-Basin, Rio de Janeiro, between July 2024 and June 2026	Eric Lopes Gama Oswaldo Cruz Foundation Brazil
6	14:45-15:00	Benchmarking Wastewater Workflows for Broad-Spectrum Viral Surveillance and Unknown Virus Screening	Qiao Yao NIEH, China CDC China

分会场 14: 通过污水监测社区健康
Parallel Session 14: Monitoring Community and Public Health through Wastewater
Co-chairs: Lyre Anni Murao, University of the Philippines Mindanao, Philippines
Bing Li, Tsinghua Shenzhen International Graduate School, China

常熟厅 II Changshu Grand Ballroom II (1F)

1	13:30-13:45	Exploring Diet and Health Trends Across Europe through Wastewater-Based Epidemiology	Harry Elliss University of Bath United Kingdom
2	13:45-14:00	Artificial Sweeteners Usage and Their Association with Type 2 Diabetes Mellitus: A National Wastewater Study of 29 Cities in China	Ziqi Fang Beijing Normal University China
3	14:00-14:15	Wastewater Surveillance Captures Multi-Marker Responses to Short-Term Examination Stress in a University Population	Zhe Wang The University of Queensland Australia
4	14:15-14:30	Community Behavioural Adaptation in Physical Activity During a Crisis: Insights from Integrating Wastewater, Social and Behavioural Data	Nicola Ceolotto University of Bath United Kingdom

5	14:30-14:45	Dynamic Assessment of Regional Population Health Based on Wastewater Gut Microbiome and Its Characteristic Correlation with Influenza Virus Infection	Xialu Lin Xiamen CDC China
6	14:45-15:00	Wastewater-Derived Gut Microbiome: Global Patterns and Associations with Population Health	Huizi Yang University of Wollongong Australia

分会场 15: 基于污水监测的污染物暴露和风险评估 I
Parallel Session 15: Contaminant Exposure and Risk Assessment through Wastewater Surveillance I
Co-chairs: Jing You, Jinan University, China
Asli Atasoy Aydin, Ankara University, Türkiye

琴川厅 Qinchuan Conference Room (3F)

1	13:30-13:45	EDT-Screening: A Rapid Effect-Driven Nontarget Analysis Method	Jing You Jinan University China
2	13:45-14:00	A Pan European and National Snapshot of Public and Environmental Exposure Risks to PFAS through Wastewater-Based Epidemiology	Dalia Elabbadi University of Bath United Kingdom
3	14:00-14:15	Combined Effects of Microplastics and Antibiotics on the Microbiome and Resistome in Wastewater Treatment Plants	Yanping Mao Shenzhen University China
4	14:15-14:30	Antibiotic Transformation Products Exert Selective Pressure for Antimicrobial Resistance Comparable to Parent Compounds	Pooja Lakhey The University of Queensland Australia
5	14:30-14:45	Global Wastewater-Based Reconnaissance of Artificial Sweetener Consumption and Emission: A Comparative Study Across Australia, China, and Vietnam	Dandan Li Beijing Technology and Business University China
6	14:45-15:00	Profiling Chemical Contaminants at Industry Wastewater Sources	Jiaying Li The University of Sydney Australia
	15:00-15:30	Coffee Break	



分会场 16: 污水监测与传染病预警预测
Parallel Session 16: Modeling and Early Warning/Prediction of Infectious Diseases through Wastewater Monitoring
Co-chairs: Mohammad Alotaibi, Kuwait Institute for Scientific Research, Kuwait
Songzhe Fu, Northwest University, China

常熟厅 I Changshu Grand Ballroom I (1F)

1	15:30-15:45	A Novel Fever Prevalence Indicator for Early Warning of Acute Respiratory Infections Using Wastewater-Based Epidemiology and Machine Learning	Degao Wang Dalian Maritime University China
2	15:45-16:00	Establishment of Tailored Early Warning Systems for Wastewater-Based Epidemiology: A Multicity Framework	Songzhe Fu Northwest University China
3	16:00-16:15	Integrating Open Data and Wastewater Surveillance for Multi-Scale Forecasting of Dengue Transmission Dynamics	Yu Ma Guangzhou CDC China
4	16:15-16:30	Predicting the Spread of Polio in Wastewater Across New York State Using a Spatial Graph Network Model	Dustin Hill Syracuse University United States
5	16:30-16:45	Integrating Urban Wastewater Surveillance and Internet Search Behavior to Strengthen Early Warning for Infectious Diseases	Fuchang Deng NIEH, China CDC China
6	16:45-17:00	Early-Warning Performance of Wastewater Surveillance for Norovirus- and Rotavirus-Associated Acute Gastroenteritis: A Systematic Review and Meta-Analysis of Lead-Lag Evidence	Yue Li Hongkou District CDC, Shanghai China

分会场 17: 大健康框架下的污水监测
Parallel Session 17: Wastewater Surveillance under the One Health Framework
Co-chairs: Barbara Kasprzyk-Hordern, University of Bath, United Kingdom
Xuewen Li, Shandong University, China

常熟厅 II Changshu Grand Ballroom II (1F)

1	15:30-15:45	One Health Wastewater-Based Epidemiology for AMR Surveillance in the Philippines	Lyre Anni Murao University of the Philippines Mindanao Philippines
2	15:45-16:00	Leveraging Wastewater Surveillance to Characterize the Physiological Burden of Regional Wildfire Smoke Events	Solana Narum University of Idaho United States
3	16:00-16:15	GWPD: A Multifunctional Platform to Unravel Biological Risk Factors in Global Engineered Water System	Shuhong Gao Harbin Institute of Technology China
4	16:15-16:30	The Epidemiological Characteristics of CRE in Municipal and Hospital Wastewater: Suspicious of the Effectiveness of Disinfection	Xuewen Li School of Public Health, Shandong University China

5	16:30-16:45	From Flea Treatment to Air Quality-Linked Health Risks: Using High-Resolution Mass Spectrometry and Wastewater-Based Epidemiology to Reveal Environmental Exposures	Ben Faill University of Bath United Kingdom
6	16:45-17:00	A Standard-Based Information System for Urban Wastewater Surveillance: Architecture, Data Standards and Applications	Shuxin Hao NIEH, China CDC China
7	17:00-17:15	Multipathogen Testing for Wastewater-Based Public Health Surveillance in Hainan—Performance Evaluation and Preliminary Application of qPCR Assays for 14 Pathogen Targets in Wastewater	Changhua He Hainan CDC China

分会场 18: 基于污水监测的污染物暴露和风险评估 II
Parallel Session 18: Contaminant Exposure and Risk Assessment through Wastewater Surveillance II
Co-chairs: Mingliang Fang, Fudan University, China
Phong Thai, The University of Queensland, Australia

琴川厅 Qinchuan Conference Room (3F)

1	15:30-15:45	Identify the Causal Toxic "Dark" Matters in the Environmental or Biological Mixtures	Mingliang Fang Fudan University China
2	15:45-16:00	From Wastewater-Derived Neuropsychiatric Pharmaceutical Loads to Downstream Mixture Risk in an Effluent-Impacted Mediterranean River	Asli Atasoy Aydin Ankara University, Institute of Forensic Sciences Türkiye
3	16:00-16:15	National-Scale Assessment of the Impact of Hospitals in Wastewater-Based Epidemiology for Public and Environmental Health Risk Assessment	Neil Byrnes University of Bath United Kingdom
4	16:15-16:30	From Wastewater Loads to Internal Exposure: Paired Urine–Wastewater Calibration for Multichemical Exposure Assessment	Chao Yu Peking University China
5	16:30-16:45	Integrated Ecological Risk Predictions Platform: Advancing Aquatic Ecological Risk Assessment	Peiling Han Dalian University of Technology China
6	16:45-17:00	Assessing Dyslipidemia Prevalence in Chinese Cities Based on Wastewater-Based Epidemiology	Yu Zhang Dalian Maritime University China
	17:30- 19:30	Dinner	

POSTER SESSION
 壁报名录 Poster Session

Number 编号	Title 题目	First Author 第一作者
P1	A Geospatial Framework for Environmental Surveillance Site Selection in Wastewater Pathogen Surveillance	Zoya Fatima
P2	A Contamination-Free Lateral Flow Platform for Point-of-Care Virus Detection in Wastewater	Xiaohong Zhou
P3	Assessing the Transferability of Wastewater and Environmental Surveillance Systems: Development of a Framework for Sustainable Implementation Across Diverse Settings	Anna Uchaikina
P4	Do Wastewater Treatment Plants Represent Off-Sewer Populations? Evidence from County and Mobility-Defined Communities	Edem Fiatsonu
P5	From the Weekly Window to Long-Term WBE Monitoring: Revealing Temporal Blind Spots	Merve Kuloglu Genc
P6	Culture-Based Evidence for Transient Fecal Shedding of Ampicillin-Resistant Escherichia Coli after Different Exposure Routes in Mice	Alan Enrique Ortiz-Barrera
P7	Aircraft Wastewater Genomic Surveillance for International Infectious Disease Early Warning: A Multi-Pathogen Spatiotemporal Analysis	Shifu Peng
P8	Retention, Sorption and Transformation of Biomarkers in Real Septic Tanks and Implications on Wastewater-Based Epidemiology	Chunying Jiang
P9	From Environmental Signals to Public Health Action: Integrating Wastewater, Mosquito and Case Surveillance for Zika Virus in Singapore	Wee Meng Chua
P10	Spatiotemporal Distribution, Intra-Week Sampling Stability, and Hierarchical Early Warning of Norovirus in Urban Wastewater	Lili Ma
P11	Time-Series Analysis and Risk Assessment of RATPs in Municipal Sludge in Beijing during and Post-COVID-19: A Longitudinal Study	Jiaming Liu
P12	Pollution Characteristics and Ecological Risk Assessment of Neonicotinoid Insecticides in Influent and Effluent of Wastewater Treatment Plants in Yangzhou, China	Xiaoqin Li
P13	A Multi-Scenario Bayesian Framework Achieves Global Health Risks Assessment of Wastewater-Borne Pathogens in Urban Reclaimed Water	Shuhong Gao
P14	Wastewater-Based Surveillance Reveals the Dissemination and Early Warning Potential of Carbapenem-Resistant Enterobacterales in Urban China	Yujing Zhang
P15	Spatial Distribution and Seasonal Variation of Antihistamines in Wastewater in Chongqing	Hui Zeng
P16	Noise Is the Signal: Variability Patterns in Surveillance Data as Early Warning Indicators for Epidemic Surge Onset and Termination	David Larsen
P17	Application of Wastewater and Environmental Surveillance for Pathogenic Agents during the 2024 National Football League (NFL) Draft in Detroit, Michigan (USA)	Ryland Corchis-Scott

Number 编号	Title 题目	First Author 第一作者
P18	Host-Associated Antimicrobial Resistance Signals in Urban Wastewater and qPCR Validation of β -Lactam Markers	Jinyuan Xue
P19	Single-Cell Sequencing Reveals Associations between PFOA Levels and Host-Resolved ARG Diversity in Wastewater	Heni Wang
P20	Biofilm-Mediated Reshaping of Wastewater Resistomes in Simulated Sewer Systems	Yinong Chai
P21	Antibiotic Residues and Epidemiological Characteristics of Antibiotic-Resistant Bacteria in Environment	Tianqi Wang
P22	Bacterial, Bacteriophage and Antibiotic Resistance Gene Shifts in Hospital and Community Water Systems before and after Treatment	Muhammad Shafiq
P23	Impact of Human Lifestyle on the Pathogenic Potential of Urban Wastewater	Jiangping Wu
P24	Spatial Variation of Antibiotic Residues in Municipal Wastewater in Hanoi	Thi Kieu Anh Nguyen
P25	Subtype-Resolved Wastewater Surveillance for Influenza Viruses Improves the Accuracy of Assessing Human Infection Trends	Chen Du
P26	Developing a Cyclic Peptide-Coated Magnetic Bead for Specific Virus Concentration from Wastewater	Yifan Zhu
P27	Determination of Lipophilic Psychoactive Substances in Influent Wastewater: Method Development and Application to Wastewater-Based Epidemiology	Aset Muratuly
P28	Analytical Suspect Screening Framework for Identifying Novel Population Biomarkers in Influent Wastewater	Aset Muratuly
P29	Multi-Pathogen Wastewater Surveillance in Karachi, Pakistan Using Combined TaqMan Array Cards (TAC) and Shotgun Metagenomics (mNGS) Techniques	Furqan Kabir
P30	SARS-CoV-2 Monitoring in Urban Wastewater: Findings from Yangzhou, China, 2024-2025	Jingjing Wu
P31	Optimizing Dengue Virus Surveillance in Wastewater through Shedding Dynamics and RNA Stability Analysis: Implications for Early Warning Systems	Wenhui Liu
P32	Annual Surveillance and Prevalence Patterns of Various Pathogens in Domestic Sewage of Chaoyang District, Beijing	Chongxiao Xu
P33	Wastewater-Based Epidemiology Applied to Surface Waters of Polluted Rivers in Rio de Janeiro: A Brazilian Experience of Monitoring in Hard-To-Reach Areas with Poor or Absent Sanitation	Eric Lopes Gama
P34	Wastewater-Based Epidemiology: Two-Year Monitoring of Respiratory Viruses in Rio de Janeiro, Brazil Using a Multiplex RT-dPCR Assay	Lara Henriques
P35	RSV Concentration in Wastewater and Trends among Incident Cases and Hospitalizations in Children and Older Adults	David Larsen
P36	Wastewater Norovirus GII Tracks Community Norovirus Activity in Guangzhou and Shenzhen, China	Biao Zeng

Number 编号	Title 题目	First Author 第一作者
P37	Evaluating Wastewater Surveillance Communications through a Health Belief Model: Process and Preliminary Results	Mila Blatz
P38	Systematic Evaluation of Wastewater SARS-CoV-2 Early Warning Pipelines: Identifying the Best-Performing Data Processing and Detection Combination	Yi Zhang
P39	Integrating Wastewater-Based Epidemiology and Online Behavioral Data to Characterize Antidepressant Usage and Mental Health Signals in Urban China	Juan Liu
P40	A Wastewater Study of Environmental Correlates of Allergy Medicine Use Across 28 Cities in China, with Seasonal Dynamics Tracked in Beijing	Daitao Zhang
P41	Wastewater Surveillance Unveils the Antibiotic Usage before, during, and after the COVID-19 Surge in Eastern China	Jinxin Zang
P42	Nationwide Wastewater-Based Epidemiology of Nimetazepam Across 30 Chinese Cities: Spatial Heterogeneity and Socioeconomic Drivers	Ke Ma
P43	Psychoactive Pharmaceutical Use in Melbourne, Australia from 2018 to 2024: Long-Term Wastewater-Based Epidemiology Monitoring and the Influence of COVID-19 Restrictions	Zeyang Zhao
P44	Contig-Based Metagenomic Profiling of Microbial Communities in Municipal Wastewater from a Southeastern Coastal City of China, 2023–2025	Xialu Lin
P45	Deciphering the Hidden Resistome and Pathogen Dynamics in College Wastewater: A Phenotypic Metagenomics Approach	Ziqi Deng
P46	Long-Read Metagenomics Reveals Microbial Community Dynamics and Strain-Level Connectivity Across Four Tropical Rivers in Hainan	Xiao Liu
P47	The Rise of Etomidate in Australia: Emerging Trends of Veterinary Sedatives and Nitazene Analogues	Cobus Gerber
P48	Advancing Wastewater-Based Drug Surveillance through Magnetic Cyclodextrin Adsorbents and Automated Large-Volume MSPE	Deli Xiao
P49	Seven Years of Illicit Stimulant Consumption in Australia Assessed by Wastewater-Based Epidemiology: Associations with Remoteness and Socioeconomic Status	Rory Verhagen
P50	Using Wastewater-Based Epidemiology to Detect Changing Patterns in NPS Use in Aotearoa / New Zealand	Andrew Chappell
P51	Wastewater-Based Epidemiological Surveillance of Illicit Drugs in Belgium: Combining Spatiotemporal Insights from the European and National Monitoring Campaign	Tim Boogaerts
P52	Five Years Monitoring of Psychoactive Pharmaceuticals and Illicit Drugs during New Year Periods	Mirim Kwon
P53	Quantifying Community Fentanyl Use in Washington State, USA: An Estimate of the Relative Size of the Licit and Illicit Markets via Wastewater	Daniel Burgard

Number 编号	Title 题目	First Author 第一作者
P54	Five Years of the Cloacina Project: Findings and Lessons Learned from the Nationwide Expansion of WBE in Brazil	Fernando Sodre
P55	Pre-Analytical Workflow Components Shape the Accuracy of Machine-Learning Back-Estimation of Wastewater-Based COVID-19 Surveillance	Mozammel Hoque
P56	Wastewater-Augmented Machine Learning Improves State-Level Forecasting of Emergency Department Visits for COVID-19, Influenza, and RSV Across the United States	Mozammel Hoque

会议信息
 Conference Information

会议地点

Conference Venue

常熟龙腾希尔顿酒店
 具体地址：江苏省苏州市常熟市琴川街道富春江西路 88 号
 Hilton Changshu
 Address: 88 Fuchunjiang West Road, Qinchuan Street, Changshu, Jiangsu Province, China

注册咨询台

Registration and Information Desk

本次会议在常熟龙腾希尔顿酒店一层大堂设有注册咨询台，具体工作时间如下：
 The Registration and Information Desk is located in the lobby, 1st Floor, Hilton Changshu. The service hours are as follows:

日期 / Date	时间 / Hours
10 月 22 日 October 22	09:00–21:00
10 月 23 日 October 23	07:30–18:30
10 月 24 日 October 24	08:00–18:00

胸卡

Name Badge

参会嘉宾将在签到时领取参会胸卡，会议期间请全程佩戴。
 Conference participants will receive a name badge upon registration. Please wear your badge when attending all sessions during the conference.

网络服务

Internet Service

会议场地提供免费无线上网服务，连接方式如下：
 手机 / 电脑上网：打开无线网络，找到并连接“Hilton”；自动跳转网页后点击“使用 - 会议 Code”，输入密码：666666 后，即可连接网络。
 The conference venue provides free Wi-Fi, and the connection method is as follows:
 Turn on the Wi-Fi on your mobile or laptop, find and connect to "Hilton". When the portal page pops up automatically, select the option "Use-Conference Code", enter the password "666666" to connect to the network.

用餐

Dining

会期餐饮安排如下，请凭餐券（签到时领取）前往常熟龙腾希尔顿酒店指定餐厅用餐：

10 月 22 日 晚餐	17:30- 19:30	11F 厨艺西餐厅 --- 橙色餐券
10 月 23 日 午餐	12:00-13:30	1F 琴湖厅 --- 蓝色餐券 11F 厨艺西餐厅 --- 橙色餐券
10 月 23 日 晚餐	17:30- 19:30	1F 琴湖厅 --- 蓝色餐券 11F 厨艺西餐厅 --- 橙色餐券
10 月 24 日 午餐	12:00-13:30	1F 琴湖厅 --- 蓝色餐券 11F 厨艺西餐厅 --- 橙色餐券
10 月 24 日 晚餐	17:30- 19:30	11F 厨艺西餐厅 --- 橙色餐券

The dining arrangements during the Conference are as follows. Please dine at the designated restaurants with your meal vouchers (received upon registration) for admission.

Dinner on October 22	17:30- 19:30	11F, Kitchencraft All-Day Dining (Orange voucher)
Lunch on October 23	12:00-13:30	1F, Qinhu Ballroom (Blue voucher) 11F, Kitchencraft All-Day Dining (Orange voucher)
Dinner on October 23	17:30- 19:30	1F, Qinhu Ballroom (Blue voucher) 11F, Kitchencraft All-Day Dining (Orange voucher)
Lunch on October 24	12:00-13:30	1F, Qinhu Ballroom (Blue voucher) 11F, Kitchencraft All-Day Dining (Orange voucher)
Dinner on October 24	17:30- 19:30	11F, Kitchencraft All-Day Dining (Orange voucher)

出行

Transportation

会议班车 Shuttle Bus

10 月 23–24 日，会议将为入住常熟虞城大酒店的参会嘉宾提供前往会场（常熟龙腾希尔顿酒店）的单程早班车，请凭参会胸卡乘车。班车集合时间及地点如下：

On 23-24 October, the conference will provide one-way morning shuttle buses for participants staying at Changshu Yucheng Hotel to the conference venue Hilton Changshu. Please wear your conference name badge when boarding. The detailed boarding time and location are as follows:

集合地点 /Meeting Point	10 月 23 日 /October 23	10 月 24 日 /October 24
常熟虞城大酒店 Lobby, Changshu Yucheng Hotel	08:00	08:00

返程不安排班车，请自行安排交通返回酒店（距离约 1.2km）。
 Please arrange your own transportation back to the hotel (approx. 1.2 km away).

自驾 Driving

若您自驾前往会场，请预先将导航目的地设置为“常熟龙腾希尔顿酒店”，到达后可将车停至酒店地下停车场 B1 或 B2 层，然后乘电梯至一层大堂签到处报到。

参会或入住酒店可享受免费停车服务，详情请咨询酒店前台。

If you drive to the venue, please set the destination of your navigation as "Hilton Changshu" in advance and park your car on B1 or B2, and then take the elevator to the Lobby on the 1st floor for registration.

Conference attendees and hotel guests can enjoy complimentary parking. Please contact the hotel front desk for details.

会务联系人

Conference Contacts

注册报到: 杨雨萱 13520940985 ttw9@pku.edu.cn	Registration & Check-in: Yuxuan Yang, +86 13520940985, ttw9@pku.edu.cn
酒店: 常熟龙腾希尔顿酒店 单正益 18121721933 Angus.Shan@hilton.com 常熟虞城大酒店 韩芝华 13962367941 44147454@qq.com	Hotel Contacts: Hilton Changshu Zhengyi Shan, +86 18121721933, Angus.Shan@hilton.com Changshu Yucheng Hotel Zihua Han, +86 13962367941, 44147454@qq.com
展商: 丁培 18618382509	Exhibitor Liaison: Pei Ding, +86 18618382509
学术相关: 安书欣 18704736616 sxan25@stu.pku.edu.cn	Academic Affairs: Shuxin An, +86 18704736616, sxan25@stu.pku.edu.cn

城市介绍 City Attractions

沙家浜风景区 Shajiabang Scenic Area

Shajiabang Scenic Area is located in Shajiabang Town, Changshu, Suzhou, Jiangsu Province. It is a national AAAAA-level tourist attraction and National Wetland Park, famous for the classic modern Peking Opera Shajiabang. During the War of Resistance against Japanese Aggression, the vast reed marshes here served as a natural shelter. Local villagers protected the wounded soldiers of the New Fourth Army, forming a touching story of deep bonds between the army and civilians.

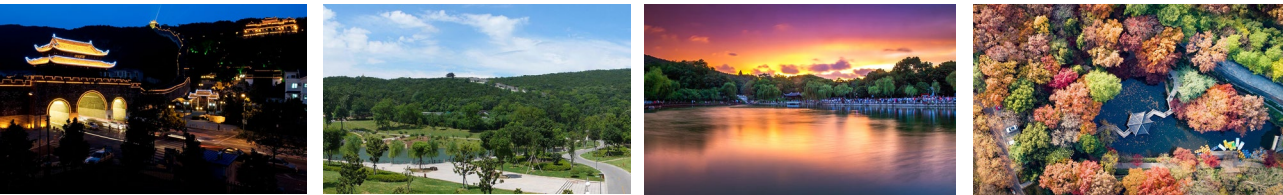
Covering more than 6,000 mu (about 400 hectares), the scenic spot combines red revolutionary culture, wetland ecology and Jiangnan water-town folk customs. Its main sites include the Revolutionary History Memorial Hall, Hongshi Folk Culture Village, Reed Marsh Water Maze, Hengjing Old Street Film Base and National Defense Education Park. Visitors can take boat trips through winding reed channels, watch live performance Flames in the Reed Marsh, explore ancient streets and learn the revolutionary history.



虞山风景区 Yushan Scenic Area

Yushan Scenic Area lies in the northwest of Changshu, Suzhou, Jiangsu Province. It is a national AAAAA-level tourist attraction and one of China's first National Forest Parks, famous for the poetic description "ten miles of green hills half entering the city". Formerly named Wumu Mountain, Yushan got its name because Zhongyong (Yu Zhong), an ancestor of Wu culture in the Shang and Zhou dynasties, was buried here. The main peak stands at 263 meters above sea level. The mountain stretches into the urban area of Changshu, blending mountains, lakes and ancient city together.

Yushan is the cradle of Wu culture and home to numerous cultural relics. It nurtured the well-known Yushan School of Qin, Yushan School of Painting, Yushan School of Poetry and Yushan Seal-carving School. Historic sites include Zhongyong Tomb, Yanzi Tomb, Weng Tonghe Tomb, Yushan City Wall, Jianmen Scenic Spot, Baoyan Ecological Park and Xingfu Temple. With a high forest coverage rate, Yushan serves as a natural green oxygen bar. Tourists may hike forest trails, climb the ancient city wall, enjoy panoramic views of Shanghu Lake from Jianmen, visit ancient tombs and temples, and taste local Changshu delicacies such as Xingfu Temple noodles.



地图 Maps

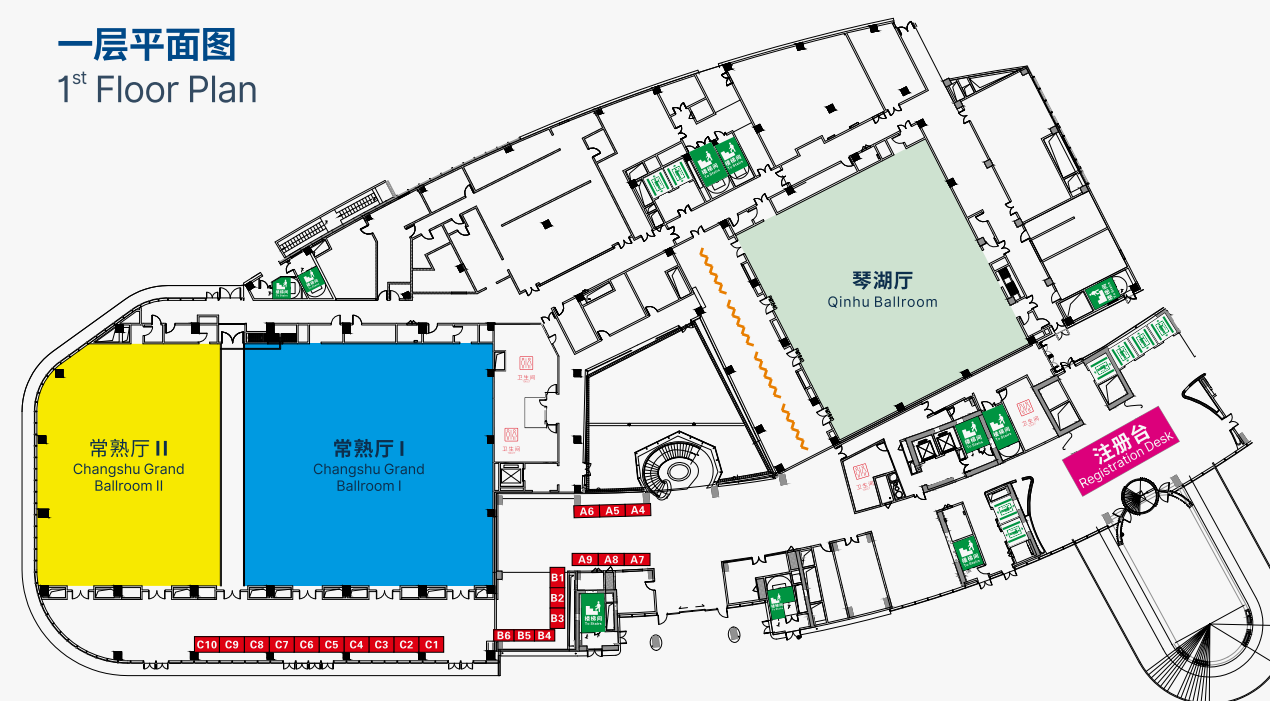
常熟龙腾希尔顿酒店和常熟虞城大酒店位置图 Map of Hilton Changshu and Changshu Yucheng Hotel



会场地图 Venue Map

常熟龙腾希尔顿酒店平面图 Floor Plan of Hilton Changshu

一层平面图 1st Floor Plan



- 注册台:注册报到及会务咨询
Registration Desk: Registration and Check-in
- 常熟厅 I:开幕式和分会场
Changshu Grand Ballroom I:Opening Ceremony and Parallel Sessions
- 常熟厅 II:分会场
Changshu Grand Ballroom II:Parallel Sessions
- 参展商
Exhibitors
- 壁报:壁报交流活动
Posters: Poster Session

会场琴川厅位于酒店三层,请您根据指引上三层
Qinchuan Conference Room is on the 3rd Floor,
Please follow the signs to the 3rd Floor.

本地信息 Local Information

酒店早餐及退房时间

Hotel Breakfast and Check-out

 常熟龙腾希尔顿酒店 住宿参会嘉宾请至常熟龙腾希尔顿酒店 11 层厨艺西餐厅，凭房卡用餐。 每日早餐供应时间为 06:30-10:00。 退房时间为中午 12:00 前，12:00-18:00 退房加收半天房费，18:00 后退房加收全天房费。 Hilton Changshu Breakfast: Participants staying at Hilton Changshu may enjoy breakfast at the Kitchencraft All-Day Dining on the 11th floor by presenting their room key card. Breakfast Hours: 06:30–10:00 daily. Check-out: Check-out is required before 12:00 noon. A half-day room rate will be charged for check-out between 12:00 and 18:00. A full-day room rate will apply if you check out after 18:00.	 常熟虞城大酒店 住宿参会嘉宾请至常熟虞城大酒店 1 层莱茵西餐厅，凭房卡用餐。 每日早餐供应时间为 06:30-09:30。 退房时间为中午 14:00 前，14:00-18:00 退房加收半天房费，18:00 后退房加收全天房费。 Changshu Yucheng Hotel Breakfast: Participants staying at Changshu Yucheng Hotel may enjoy breakfast at the Rhine Western Restaurant on the 1st floor by presenting their room key card. Breakfast Hours: 06:30–09:30 daily. Check-out: Check-out is required before 14:00. A half-day room rate will be charged for check-out between 14:00 and 18:00. A full-day room rate will apply if you check out after 18:00.
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天气

Weather

常熟市属亚热带季风气候，10 月底气温较为舒适，多晴好天气，昼夜温差较大。建议参会者准备薄外套，穿搭方便增减衣物。

Changshu has a subtropical monsoon climate. The weather in late October is generally pleasant and mostly sunny. However, there is a large temperature difference between day and night. Participants are advised to bring a light jacket and dress in layers for easy adjustment.

支付方式

Payment Methods in China

 银行卡支付 如果您持有带有银联、Visa、万事达等银行卡组织标识的银行卡，可以在支持相应银行卡的商户使用刷卡机付款。如不确定是否支持您的银行卡，请在付款时向工作人员咨询。 Bank Card Payment If you hold a bank card printed with logos of card networks such as UnionPay, Visa, or MasterCard, you can make card payments at merchant terminals displaying the corresponding acceptance logos. If you are unsure whether your card is accepted, please consult the staff at the time of payment.	 移动支付 支付宝和微信支付是国内主流移动支付方式，使用手机即可完成支付。两种支付方式均支持境外用户使用，可在手机应用商店免费下载相关 App，按 App 内指引操作。 Mobile Payment (Alipay & WeChat Pay) Alipay and WeChat Pay are widely used mobile payment methods in China. Payments can be completed simply with your mobile phone. Both services are available for overseas users. You may download the relevant apps for free from mobile app stores. Follow the prompts within the app for further steps.
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电源

Electricity

在中国，电压为 220V。

The voltage is 220V in China.

中国常见的插座类型包括 A 型和 I 型。如您的设备插头与中国插座不兼容，请携带合适的旅行转换插头。

Type A and Type I sockets are commonly found in China. Participants are advised to bring a suitable travel adapter if their plugs are not compatible with Chinese sockets.

小费和税

Tips & Tax

在中国，服务行业一般不收取小费，商品的税额已经包含在其售价当中。

Tipping is not strongly expected or commonly practiced in China. Taxes are already included in the stated prices.

紧急号码

Emergency Contacts

急救 Ambulance	+86 120
报警 Police	+86 110

打车软件

Ride-Hailing Apps

参会嘉宾在常熟出行，可使用以下应用便捷呼叫车辆：

滴滴：自带英文界面的打车软件，可预约出租车与网约车。

高德地图：地图导航软件，同时提供叫车服务，支持英文。

For convenient transportation in Changshu, participants may use the following apps:

DiDi: A ride-hailing app with an English interface, suitable for booking taxis and private cars.

Amap (Gaode Maps): A map and navigation app that also provides ride-hailing services and supports English.

银行

Bank

1. 中国银行（常熟湖圩支行）

地址：苏州市常熟市新颜路湖苑 2 区 2 幢

距会场：948 米

营业时间：08:30–16:00

电话：86-(0512)52734293

备注：可办理外币现钞兑换，办理换汇请携带护照原件

Bank of China Limited, Changshu Huwei Branch

Address: Building 2, Huyuan Phase 2, Xinyan Road, Changshu City, Suzhou

Distance from venue: 948 meters

Business Hours: 08:30–16:00

Phone: +86-(0512)52734293

Remark: Foreign currency cash exchange available. Please bring your original passport for currency exchange.

2. 中国工商银行（常熟颜港支行）

地址：江苏省苏州市常熟市琴川街道海虞南路 49-7 号

距会场：1200 米

营业时间：8:15-16:00

电话：86-(0512)52786762

Industrial and Commercial Bank of China, Changshu Yangang Sub-branch

Address: No.49-7 Haiyu South Road, Qinchuan Subdistrict, Changshu City, Suzhou, Jiangsu Province

Distance from venue: 1200 meters

Business Hours: 8:15-16:00

Phone: +86-(0512)52786762

3. 中国建设银行（常熟城东支行）

地址：苏州市常熟市虞城大酒店 1 层

距会场：1200 米

营业时间：08:30–16:30

电话：86-(0512)52772865

China Construction Bank (Changshu Chengdong Sub-branch)

Address: 1st Floor, Yucheng Hotel, Changshu City, Suzhou

Distance from venue: 1200 meters

Business Hours: 08:30 – 16:30

Phone: +86-(0512)52772865

附近商场

Nearby Shopping Malls

琴湖溪里花园城 Qinhu Center

地址：苏州市常熟市琴湖路 58 号招商琴湖溪里花园城

Address: China Merchants Qinhu Xili Garden City, No.58 Qinhu Road, Changshu City, Suzhou

方塔步行街 Fangta East Street

地址：苏州市常熟市颜北弄与颜港街交叉口东南 40 米

Address: 40 meters southeast of the intersection of Yanbei Lane and Yangang Street, Changshu City, Suzhou

常熟印象城 INCITY Changshu

地址：苏州市常熟市海虞南路 88 号

Address: No.88 Haiyu South Road, Changshu City, Suzhou

参展商名录
 List of Exhibitors

赞助商	Sponsors	展位号 Booth Number
伯乐生命医学产品（上海）有限公司	Bio-Rad Laboratories	C3
北京栢海生物科技有限公司	Beijing Yuehai Biotechnology Co., Ltd.	B6
深圳华大智造科技股份有限公司	MGI Tech Co., Ltd.	B1
山东艾克韦生物技术有限公司	Shandong ACV Biotech Co.,Ltd.	B4
天津阿尔塔科技有限公司	Alta Scientific Co., Ltd.	C8
力合科技（湖南）股份有限公司	Lihe Technology (Hunan) Co., Ltd.	C5
北京诺禾致源科技股份有限公司	Novogene Co., Ltd.	C4
苏州先进分子诊断技术有限公司	Suzhou Advanced Molecular Diagnosis Co., Ltd.	C10
嘉兴医脉赛科技有限公司	The EmerTher Co., Ltd.	C1
赛默飞世尔科技（中国）有限公司	Thermo Fisher Scientific	C9
未名环境分子诊断（常熟）有限公司	Weiming Environmental Molecular Diagnosis Co., Ltd.	A4
深圳生科原技术有限公司	MABSKY BIO-TECH CO., LTD.	A7
SCIEX 中国	SCIEX China	A9
天津恢度达源生物科技有限公司	Tianjin Huidu Dayuan Biotechnology Co., Ltd.	C6
超快生物技术（广州）有限公司	Ultra-Fast Bio-Tech(Guangzhou) Co., Ltd.	B5
沃特世科技（上海）有限公司	Waters Corporation	B2
广州金域医学检验中心有限公司	Guangzhou KingMed Diagnostics Group Co., Ltd.	C7
北京科爱森蓝文化传播有限公司	KeAi Communications Co., Ltd.	A6
上海美吉生物医药科技有限公司	Shanghai Majorbio Bio-pharm Technology Co., Ltd.	B3
北京新羿生物科技有限公司	TargetingOne Corporation	C2

* 展位分布详见第 28 页
 The exhibition floor plan is set out on Page 28



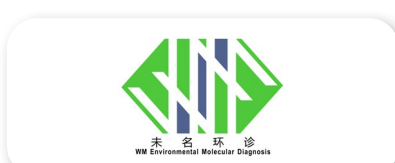
























北京大学
PEKING UNIVERSITY

主办单位 Organizer

北京大学城市与环境学院

College of Urban and Environmental Sciences, Peking University



中国疾病预防控制中心
CHINESE CENTER FOR DISEASE CONTROL AND PREVENTION



传染病溯源预警与
智能决策全国重点实验室
NATIONAL KEY LABORATORY OF INTELLIGENT TRACKING AND FORECASTING FOR INFECTIOUS DISEASES

联合主办单位 Co-organizers

中国疾病预防控制中心环境与健康相关产品安全所、传染病溯源预警与智能决策全国重点实验室

National Institute of Environmental Health,

National Key Laboratory of Intelligent Tracking and Forecasting for Infectious Diseases, China CDC

会议网站
Conference Website

