



北京市科学技术研究院城市安全与环境科学研究所
INSTITUTE OF URBAN SAFETY AND ENVIRONMENTAL SCIENCE, BEIJING ACADEMY OF SCIENCE AND TECHNOLOGY

ENVIRONMENTAL CHANGE AND WASTEWATER EPIDEMIOLOGY SURVEILLANCE DURING COVID-19



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Dean and Anna M.R. Lauder Professor of Public Health, Professor of Epidemiology (Microbial Diseases), School of Public Health (YSPH); Professor of Pediatrics (infectious Disease), Clinical Professor of Obstetrics, Gynecology, and Reproductive Sciences, School of Medicine, Yale University.



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Scientist at the Belgian Institute for Space Aeronomy. Senior Scientist Max Planck Institute for Meteorology and Distinguished Scholar at NCAR. Associate Director NCAR and Director Atmospheric Chemistry Laboratory.



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Associate Professor in Department of Environmental Engineering at Marmara University and Turkish Water Institute (SUEN), Istanbul, Turkey. Member of COVID-19 Scientific Committee of Turkish Ministry of Agriculture and Forestry.

Sat., 4 Dec. 2021, 20:00-22:00 (Beijing time)

[Zoom Meeting Registration Link](#)

20:00-20:05

Background Introduction

20:05-20:25

Sewage-based Surveillance for Infectious Diseases

20:25-20:45

Air Quality during COVID-19

20:45-21:05

Tracking COVID-19 Outbreaks through Wastewater Surveillance

21:05-21:25

Nationwide Wastewater-based Surveillance of COVID-19 in Turkey: Regional Distribution Maps, Early Warning, Variants, Dashboards

21:25-21:40

Source Apportionment of Fine Particle in Handan during COVID-19 Using CMB Model

21:40-21:55

Recreational Drug Use in Beijing during COVID-19: Wastewater Epidemiology Surveillance

21:55-22:00

Closing Remarks

Dr. Yifei Hu

Professor, School of Public Health, Capital Medical University, China

Dr. Sten H. Vermund

Dean and Anna M.R. Lauder Professor of Public Health, Professor of Pediatrics, Yale University, USA

Dr. Guy P. Brasseur

Senior Scientist in Max Planck Institute for Meteorology, Germany. Associate Director and Distinguished Scholar at NCAR, USA

Dr. Jordan Peccia

Thomas E. Golden, Jr Professor of Chemical & Environmental Engineering, Yale University, USA

Dr. Bilge Alpaslan Kocamemi

Associate Professor, Marmara University, Environmental Engineering Department, Turkey

Dr. Mo Dan

Institute of Urban Safety and Environmental Science, Beijing Academy of Science and Technology, China

Dr. Yifei Hu

Professor, School of Public Health, Capital Medical University, China

Dr. Rui Chen

Dean and Professor of School of Public Health, Capital Medical University, China



Mo Dan

Researcher, Institute of Urban Safety and Environmental Science, Beijing Academy of Science and Technology. Director and technical leader of the first industrial hygiene laboratory AIHA accredited in mainland China.



Yifei Hu

Professor, epidemiologist, Department of Child and Adolescent Health and Maternal Care, School of Public Health, Capital Medical University.



Rui Chen

Dean, School of Public Health, Capital Medical University. Professor, Department of Health Toxicology. The Seventh Council of the Chinese Society of Environmental Mutagens, Biomarker Specialty Committee (member, executive commission).

Notice

Please click on [the link](#) to register for the seminar, then you can get the Zoom ID.

本次研讨会将以中英双语的形式进行，欢迎各位同行参加，共同交流！

07:00-09:00 in New York

13:00-15:00 in Hamburg

15:00-17:00 in Istanbul