

2024 International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry

September 20-22, 2024

Shanghai, China

<https://www.abacas-dss.com/Conference/2024/>

(Second Announcement)

Following the previous ten successful ABaCAS conferences, 2024 International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry (ABaCAS 2024) will be held in Shanghai, China, 20-22 September 2024. This conference will be jointly hosted by the Tsinghua University, Shanghai Academy of Environmental Sciences (SAES), Research Center for Eco-Environmental Sciences CAS, Zhejiang University, and South China University of Technology. The Conference aims at providing an exceptional platform for scientists or policy makers from various fields to discuss air pollution control strategies, carbon neutrality roadmap related to energy and the environment for China or worldwide on city, regional or global scales. In addition to the two-day conference (21-22 September), a one-day training workshop (20 September) on the “Air Benefit and Cost and Attainment Assessment System (ABaCAS)” will also be provided to air quality modelers, managers and scientists of interest. During the workshop, demos and hands-on sessions on the state-of-art air quality management and assessment systems will be

provided, especially for their practical application in China.

Permanent Host

—Tsinghua University, China

Hosts

—Shanghai Academy of Environmental Sciences, China

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

—Zhejiang University, China

—South China University of Technology, China

Organizers

—Fudan University, China

—Hefei Institutes of Physical Science, Chinese Academy of Sciences, China

—Nanjing University of Information Science and Technology, China

—Shanghai Jiao Tong University, China

—Shanghai Environmental Monitoring Center, China

Co-organizers

—Key Laboratory of Sources and Control of Air Pollution Complex (Ministry of Ecology and Environment of the People's Republic of China)

—State Key Joint Laboratory of Environment Simulation and Pollution Control

—Key Laboratory of Formation and Prevention of Urban Air Pollution Complex (Ministry of Ecology and Environment of the People's Republic of China)

—Key Laboratory of Optical Monitoring Technology (Ministry of Ecology and Environment of the People's Republic of China)

—Shanghai Key Laboratory of Atmospheric Particle Pollution and Prevention

—Jiangsu Key Laboratory of Atmospheric Environment Monitoring and Pollution Control

—Dianshan Lake Scientific Observation Station in Yangtze Delta Region (Ministry of Ecology and Environment of the People's Republic of China)

—Shanghai Association of Environmental Protection Industry

Supporters

— Energy Foundation China

Conference Chairs

—Jiming HAO, Academician of Chinese Academy of Engineering

—Kefa CEN, Academician of Chinese Academy of Engineering

—Hong HE, Academician of Chinese Academy of Engineering

Scientific Committee (In no particular order)

—Yihui DING, Academician of Chinese Academy of Engineering

—Li'an HOU, Academician of Chinese Academy of Engineering

—Guibin JIANG, Academician of Chinese Academy of Sciences

—Shu TAO, Academician of Chinese Academy of Sciences

—Jincai ZHAO, Academician of Chinese Academy of Sciences

—Wenqing LIU, Academician of Chinese Academy of Engineering

—Kebin HE, Academician of Chinese Academy of Engineering

—Yuanhang ZHANG, Academician of Chinese Academy of Engineering

—Jinnan WANG, Academician of Chinese Academy of Engineering

—Zhen HUANG, Academician of Chinese Academy of Engineering

—Qiao WANG, Academician of Chinese Academy of Engineering

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—Xiang GAO, Academician of Chinese Academy of Engineering

—Tong ZHU, Academician of Chinese Academy of Sciences

—Jianmin CHEN, Academician of European Academy of Sciences

—Haidong KAN, Academician of European Academy of Sciences

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—Chunyi CHEN, Research Fellow

—Changhong CHEN, Research Fellow

—Qiang CHEN, Deputy Director

—Junhui CHEN, Research Fellow

—Qingyan FU, Professor

—Shaojia FAN, Professor

—Jingnan HU, Research Fellow

—Cheng HUANG, Deputy Director

—Pen-Chi CHIANG, Professor

—Hsin-Chih LAI, Professor

—Yu LEI, Research Fellow

—Hong LIAO, Professor

—Li LI, Professor

—Wei LI, Professor
—Qian LIU, Research Fellow
—Xin LIU, Director
—Min SHAO, Professor
—Shuxiao WANG, Professor
—Tijian WANG, Professor
—Zifa WANG, Research Fellow
—Yuesi WANG, Research Fellow
—Xuemei WANG, Professor
—Pinhua XIE, Research Fellow
—Daiqi YE, Professor
—Hong YE, Professor
—Liuju ZHONG, Professor
—Yu ZHAO, Professor
—Mei ZHENG, Professor
—Yun ZHU, Professor
—Carey JANG, Chair Professor
—Greg CARMICHAEL, Professor
—Drew SHINDELL, Academician of the National Academy of Sciences
—Armistead RUSSELL, Professor
—Tyler FOX, Director
—Jim KELLY, Doctor
—Jeremy AVISE, Director
—Alex WANG, Professor
—Chatani SATORU, Doctor
—Hsing-Wei CHU, Professor
—Jerry LIN, Professor
—Jonathan PLEIM, Doctor
—Joshua FU, Professor
—Jung-Hun WOO, Professor
—Peter LOUIE, Doctor
—Rohit MATHUR, Doctor
—Savitri GARIVAIT, Professor
—Bui Ta LONG, Professor
—Thomas HO, Professor
—Yang LIU, Professor

Executive Committees

Chairman of the Executive Board :

Shuxiao WANG Qingyan FU Jianmin CHEN

Members of the Executive Committee (sorted by alphabetical order of surname):

Zhen CHENG	Biwu CHU	Joshua FU	Jianlin HU
Cheng HUANG	Carey JANG	Qing LI	Hong LIAO
Xin LIU	Hongli WANG	David WONG	Pinhua XIE
Hongliang ZHANG	Yuqiang ZHANG	Bin ZHAO	Yun ZHU

Conference theme

Synergistic reduction of air pollutants and carbon for further improvement of air quality

Sessions (Include but not limited to)

1. Emission inventory for atmospheric pollutants and greenhouse gases

Session chairs: Qiang ZHANG, Junyu ZHENG

Conveners: Cheng HUANG, Yu ZHAO, Bo ZHENG, Zhijiong HUANG

2. Advancing technologies applied in source emission measurements

Session chairs: Jianguo LIU, Jingkun JIANG

Conveners: Xiangxian LI, Tonghao LIU, Gang WANG

3. “Ground-air-space” monitoring for air pollutants and greenhouse gases

Session chairs: Jianmin CHEN, Pinhua XIE

Conveners: Cheng LIU, Song GUO, Renzhi HU, Guo LI, Shengrong LOU

4. Air quality modelling and cost-benefit analysis for air pollution control

Session chairs: Shuxiao WANG, Zifa WANG

Conveners: Jianlin HU, Qi YING, Hsin-Chih LAI, David WONG, Bin ZHAO

5. Roadmap to synergistic control of air pollutants and carbon

Session chairs: Gang YAN, Xi LU

Conveners: Hancheng DAI, Haikun WANG, Yang OU, Yuqiang ZHANG, Yuxuan ZHANG

6. Continuous reduction of urban PM_{2.5} and ozone pollution

Session chairs: Fahe CHAI, Qingyan FU

Conveners: Peter LOUIE, Jingnan HU, Miao NING, Dan Dan HUANG

7. Atmospheric environment and health

Session chairs: Haidong KAN, Taicheng AN

Conveners: Qing LI, Yingjun LIU, Jianwei GU

8. Big data and artificial intelligence technology in the atmospheric environment

Session chairs: Dabo GUAN, Jianjun LI

Conveners: Yun ZHU, Jian GAO, Zhen CHENG, Yu ZHAN

9. Atmospheric haze chemistry

Session chairs: Hong HE, Maofa GE

Conveners: Chuncheng CHEN, Weigang WANG, Biwu CHU, Qingru WU, Guangjie ZHENG

Important Dates

Formal conference:	21-22 September, 2024
ABaCAS training workshop:	20 September, 2024
Deadline for abstract submission:	15 August, 2024
Abstract acceptance:	1 September, 2024
Early bird registration date:	1 April – 31 July, 2024
Full registration date:	1 August – 20 September, 2024

Location

Shanghai, China

Registration

For participants, please register for the conference through the conference website (<https://www.abacas-dss.com/Conference/2024/>) before September 20th, 2024. If you want to apply for a session presentation, please submit your abstract through the conference website (<https://www.abacas-dss.com/Conference/2024/>) before August 15th, 2024. The conference committee will notify applicants of the abstract acceptance via email before September 1st, 2024.

Participants	Early bird registration (before July 31 st)	Full registration (August 1 st ~September 20 th)
Current students	¥ 1000	¥ 1200
Non-students	¥ 1800	¥ 2000

Payment method: The conference committee entrusts "Shanghai Association of Environmental Protection Industry" to collect the registration fee and issue an invoice. In order to reduce the waiting time at the reporting site, participants are requested to pay the registration fee by bank transfer to the following account provided by ICBC Bank:

(1) **For domestic participants**, you can transfer the conference registration fee by transferring to the bank account of Shanghai Association of Environmental Protection Industry.

账户名称：上海市环境保护产业协会

银行账号：1001 2715 0901 4462 105

开户银行：中国工商银行

开户网点：徐汇华山路支行

(2) **For international participants**, you can transfer the conference registration fee by transferring to the bank account of Shanghai Association of Environmental Protection Industry.

Account Name: Shanghai Association of Environmental Protection Industry

Association Address: Suite 17, No. 278, Wu Xing Road, Shanghai, China

Account number: 1001 2715 0901 4462 105

SWIFTBIC: ICBKCNBJSHI

Account bank: Industrial and Commercial bank of CHINA Shanghai branch


Bank Address: #1065 Zhao Jia Bang road, Shanghai, China

***For the above two payment methods, please write "ABaCAS+ your abbreviation + your name" in the transfer notes, otherwise the Organizing committee will not be able to confirm your transfer information.**

Cancellation: Cancellation before September 1, 2024 will be subject to a 20% fee. Cancellations will not be accepted after September 1, 2024, but replacement of participants will be allowed. If you need to cancel or replace the participant, please send the cancellation request and replacement request to scapc@mail.tsinghua.edu.cn.

Hotel and Accommodation

The conference venue will be the Longemont Shanghai Hotel, 1116 West Yan'an Road, Shanghai, China. Participants can book hotel rooms in the conference venue or nearby hotels by the following means. Please contact the conference affairs team (Wenxin ZHOU, Tel: 86-13761333378) for any inquiries.

Hotel	Address	Room prices	Reservation
Longemont Shanghai Hotel (conference venue)	1116 West Yan'an Road	Deluxe Room (1 queen bed): ¥ 600 /room/night (Includes 1 breakfast)* VIP Room (2 double beds): ¥ 700 /room/night (Includes 2 breakfasts)* Executive Suite (1 queen bed): ¥ 1500 /room/night (Includes 2 breakfasts)*	
Hanting Youjia Hotel (Shanghai Zhongshan Gongyuan Yan'an Road)	No.1 Panyu Road, Yan'an West Road, Changning District, Shanghai (~150 meters away from the conference venue)	¥ 350~500 /room/night**	You can make a reservation on the website
Ji Hotel (Shanghai Yan'an Road)	No.1066 Yan'an West Road, Changning District, Shanghai (~200 meters away from the conference venue)	¥ 600~800 /room/night**	
Jinjiang Metropolo Classiq Jing'An Hotel	No. 918 Yan'an West Road, Changning District, Shanghai (~400 meters away from the conference venue)	¥ 500~700 /room/night**	

* The room prices at the Longemont Shanghai Hotel are discounted for conference participants. Please book and pay for your room through the QR code provided or the following web link: <http://www.imm-cloud.com:8080/webroom.html?id=ASS0921>

** The room prices of other hotels may fluctuate according to the market condition. We suggest you make a reservation as early as possible.

Languages

Chinese/English

Conference Contact

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