

## First Announcement | ABaCAS 2024 Conference



The 11th International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry (ABaCAS 2024)

September 20-22, 2024

Shanghai, China

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

Following the previous ten successful ABaCAS conferences, **the 11<sup>th</sup> 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 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 with demo and hands-on sessions on the state-of-art air quality management and assessment systems, especially for application in China.

## **Organization**

### **Permanent Hosts**

- ◆ 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 the Cause 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

### **Conference Themes**

The conference themes will be " **continuous air quality improvement and synergistic reduction of air pollutants and carbon**" , including but not limited to the following sessions:

1. Emission inventory for atmospheric pollutants and greenhouse gases
2. "Ground-air-space" monitoring for air pollutants
3. Air quality modelling and cost-benefit analysis for air pollution control
4. Roadmap to synergistic control of air pollutants and carbon
5. Continuous improvements in urban PM<sub>2.5</sub> and ozone pollution reduction
6. Big data and artificial intelligence in the atmospheric environment
7. Atmospheric environment and health
8. Atmospheric haze chemistry

### **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 July – 30 August, 2024

Full registration date: 1-20 September, 2024

### **Conference Venue**

Shanghai, China

### **Conference Chairs**

- ◆ Jiming HAO, Academician of Chinese Academy of Engineering, Tsinghua University
- ◆ Kefa CEN, Academician of Chinese Academy of Engineering, Zhejiang University
- ◆ Hong HE, Academician of Chinese Academy of Engineering, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

### **Scientific Committees (In no particular order)**

- ◆ Yihui DING, Academician of Chinese Academy of Engineering, China Meteorological Administration
- ◆ Guibin Jiang, Academician of Chinese Academy of Sciences, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences
- ◆ Jincan ZHAO, Academician of Chinese Academy of Sciences, Institute of Chemistry Chinese Academy of Sciences
- ◆ Kebin HE, Academician of Chinese Academy of Engineering, Tsinghua University
- ◆ Li'an HOU, Academician of Chinese Academy of Engineering, The Second Artillery Engineering Design and Research Institute
- ◆ Wenqing LIU, Academician of Chinese Academy of Engineering,

Hefei Institutes of Physical Science, CAS

- ◆ Shu TAO, Academician of Chinese Academy of Sciences, Southern University of Science and Technology
- ◆ Jinnan WANG, Academician of Chinese Academy of Engineering, Chinese Academy of Environmental Planning
- ◆ Qiao WANG, Academician of Chinese Academy of Engineering, Ministry of Ecology and Environment Center for Satellite Application on Ecology and Environment
- ◆ Yuanhang ZHANG, Academician of Chinese Academy of Engineering, Peking University
- ◆ Zhen HUANG, Academician of Chinese Academy of Engineering, Shanghai Jiao Tong University
- ◆ Xiaoye ZHANG, Academician of Chinese Academy of Engineering, Chinese Academy of Meteorological Sciences
- ◆ Xiang GAO, Academician of Chinese Academy of Engineering, Zhejiang University
- ◆ Tong ZHU, Academician of Chinese Academy of Sciences, Peking University
- ◆ Jianmin CHEN, Academician of European Academy of Sciences, Fudan University
- ◆ Fahe CHAI, Research Follow, Chinese Research Academy of Environmental Sciences

- ◆ Chunyi CHEN, Research Follow, Guangdong Provincial Eco-environment Monitoring Center
- ◆ Changhong CHEN, Research Follow, Shanghai Academy of Environmental Sciences
- ◆ Qiang CHEN, Vice President, Sichuan Academy of Eco-Environmental Sciences
- ◆ Junhui CHEN, Research Follow, Sichuan Academy of Eco-Environmental Sciences
- ◆ Yanqing FU, Professor, Shanghai Academy of Environmental Sciences
- ◆ Shaojia FAN, Professor, Sun Yat-sen University
- ◆ Jingnan HU, Research Follow, Chinese Research Academy of Environmental Sciences
- ◆ Cheng HUANG, Deputy Director, Shanghai Environmental Monitoring Center
- ◆ Benji JIANG, Professor, National Taiwan University
- ◆ Haidong KAN, Professor, Fudan University
- ◆ Hsin-Chih LAI, Professor, Chang Jung Christian University
- ◆ Yu LEI, Research Follow, Chinese Academy of Environmental Planning
- ◆ Hong LIAO, Professor, Nanjing University of Information Science and Technology
- ◆ Li LI, Professor, Shanghai University
- ◆ Wei LI, Professor, State Environmental Protection Engineering Center

for Industrial Pollution Supervising

- ◆ Qian LIU, Research Follow, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences
- ◆ Xin LIU, Director, U.S. Energy Foundation
- ◆ Min SHAO, Professor, Jinan University
- ◆ Shuxiao WANG, Professor, Tsinghua University
- ◆ Tijian WANG, Professor, Nanjing University
- ◆ Zifa WANG, Research Follow, Institute of Atmospheric Physics, CAS
- ◆ Yuesi WANG, Research Follow, Institute of Atmospheric Physics, CAS
- ◆ Xuemei WANG, Professor, Jinan University
- ◆ Pinhua XIE, Research Follow, Hefei Institute of Physical Science, Chinese Academy of Sciences
- ◆ Daiqi YE, Professor, South China University of Technology
- ◆ Hong YE, Professor, Sichuan Academy of Environmental Sciences
- ◆ Liuju ZHONG, Professor, Guangdong Environmental Protection Engineering Vocational College
- ◆ Yu ZHAO, Professor, Nanjing University
- ◆ Mei ZHENG, Professor, Peking University
- ◆ Yun ZHU, Professor, South China University of Technology
- ◆ Carey JANG, Chair Professor, South China University of Technology
- ◆ Greg CARMICHAEL, Professor, The University of Iowa
- ◆ Drew SHINDELL, Academician of the National Academy of Sciences,



Duke University

- ◆ Armistead RUSSELL, Professor, Georgia Institute of Technology
- ◆ Tyler FOX, Director, U.S.EPA
- ◆ Jim KELLY, Doctor, U.S.EPA
- ◆ Jeremy AVISE, Director, California Air Resource Board
- ◆ Alex WANG, Professor, Univ. California, Los Angeles
- ◆ Chatani SATORU, Doctor, National Institute for Environmental Studies  
(Japan)
- ◆ Hsing-Wei CHU, Professor, Lamar University
- ◆ Jerry LIN, Professor, Lamar University
- ◆ Jonathan PLEIM, Doctor, U.S.EPA
- ◆ Joshua FU, Professor, University of Tennessee
- ◆ Jung-Hun WOO, Professor, Konkuk University
- ◆ Peter LOUIE, Doctor, Environmental Protection Department (Hong  
Kong)
- ◆ Rohit MATHUR, Doctor, U.S.EPA
- ◆ Savitri GARIVAIT, Professor, King Mongkut's University of Technology  
Thonburi
- ◆ Bui Ta LONG, Professor, Ho Chi Minh City University of Technology
- ◆ Thomas HO, Professor, Lamar University
- ◆ Yang LIU, Professor, Emory University

### **Executive Committees**

- ◆ Shuxiao WANG, Professor, Tsinghua University
- ◆ Bin ZHAO, Assistant Professor, Tsinghua University
- ◆ Qingyan FU, Professor, Shanghai Academy of Environmental Sciences
- ◆ Hongli WANG, Senior Engineer, Shanghai Academy of Environmental Sciences
- ◆ Jianmin CHEN, Academician of European Academy of Sciences, Fudan University
- ◆ Qing LI, Professor, Fudan University
- ◆ Hong LIAO, Professor, Nanjing University of Information Science and Technology
- ◆ Jianlin HU, Professor, Nanjing University of Information Science and Technology
- ◆ Cheng HUANG, Deputy Director, Shanghai Environmental Monitoring Center
- ◆ Pinhua XIE, Research Follow, Hefei Institutes of Physical Science, Chinese Academy of Sciences
- ◆ Xin LIU, Manager, U.S. Energy Foundation
- ◆ Yun ZHU, Professor, South China University of Technology
- ◆ Carey JANG, Chair Professor, South China University of Technology
- ◆ Joshua FU, Professor, University of Tennessee
- ◆ Zhen CHEN, Research Follow, Shanghai Jiao Tong University
- ◆ Biwu CHU, Research Follow, Research Center for Eco-Environmental

Sciences, Chinese Academy of Sciences

- ◆ Yuqiang ZHANG, Professor, Shandong University

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