

# 中国环境科学学会

## Chinese Society for Environmental Sciences

No.54 Hongliannancun, Haidian District, Beijing, P.R.China, 100082  
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### **First Announcement: The 13<sup>th</sup> International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry (ABaCAS 2026)**

September 13-15, 2026

Guangzhou, China

<https://www.abacas-dss.com/Conference/2026>

To continually advance the green transition and promote the coordinated control of air pollutants and carbon emissions, the 13<sup>th</sup> International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry (ABaCAS 2026) is scheduled to be held from September 13 to 15, 2026, in Guangzhou, Guangdong Province, China. With the guidance and support of the Chinese Academy of Engineering and the Energy Foundation, the conference is jointly hosted by Tsinghua University, the Chinese Society for Environmental Sciences, South China University of Technology, and the Research Center for Eco-Environmental Sciences. It is co-organized by the School of Environment and Energy at South China University of Technology, the National Key Laboratory of Regional Environmental Safety, and the Key Laboratory of Sources and Control of Air Pollution Complex of the Ministry of Ecology and Environment of the People's Republic of China.

This conference aims to establish a high-level, interdisciplinary international academic platform. We will bring together leading experts and scholars from China and around the world to present the latest advances in the field, exchange innovative ideas, and explore pathways toward achieving clean air and carbon neutrality in China and around the world. In addition to the two-day conference, a one-day training workshop (13 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.

#### **I. Organization**

**Permanent Hosts:** Tsinghua University

**Hosts:** Chinese Society for Environmental Sciences, South China University of Technology, Research Center for Eco-Environmental Sciences (Chinese Academy of Sciences).

**Organizers:** School of Environment and Energy at South China University of Technology, National Key Laboratory of Regional Environmental Safety, Key Laboratory of Sources and Control of Air Pollution Complex (Ministry of Ecology and Environment of the People's Republic

of China), Sun Yat-sen University, Jinan University, Hong Kong University of Science and Technology, Hong Kong Polytechnic University, University of Macau.

**Partner:** Energy Foundation.

## II. Conference Themes and Topics

The theme of the conference is “**Synergizing Pollution Reduction and Carbon Mitigation for Quality and Efficiency Enhancement Empowered by Artificial Intelligence**”, including but not limited to the following sessions:

1. Emission inventories and source apportionment technologies for greenhouse gases and air pollutants.
2. Measurement technologies and applications for pollution sources.
3. Three-dimensional monitoring of complex air pollution and greenhouse gases.
4. Air quality modeling and cost-benefit analysis of control strategies.
5. Energy transition and synergistic pathways for carbon and pollution reduction.
6. Improvement and regulation of air quality.
7. Atmosphere, climate and public health risk.
8. Artificial intelligence in atmospheric research.
9. Chemical mechanisms of atmospheric haze.
10. International symposium on environment, climate, and green energy.

Note: To propose a special session, please submit the session title, description, and convener information to Zhaoxin Dong (dzx@scut.edu.cn) for review by the academic committee.

## III. Important Dates

**Conference Dates:** September 14-15, 2026.

**Registration & ABaCAS Training:** September 13, 2026.

**Abstract Submission Deadline:** August 15, 2026.

**Notification of Acceptance:** Before September 1, 2026.

**Early Bird Registration:** Before August 31, 2026.

**Standard Registration:** September 1-14, 2026.

## IV. Venue

Pullman Guangzhou Baiyun Airport Hotel (No. 2 Airport Avenue East, Huadu District, Guangzhou, Guangdong).

## V. Registration and Fees

1. Conference Fees:  
Students: 1,800 CNY (Early Bird) / 2,000 CNY (Standard).  
Non-students: 2,000 CNY (Early Bird) / 2,200 CNY (Standard).
2. Online Registration: Please register via <https://www.abacas-dss.com/Conference/2026>. Session applicants must register and submit abstracts by August 15; notifications will be sent by September 1.
3. Payment Methods:  
*Bank Transfer:* Account Name: Chinese Society for Environmental Sciences; Bank: China Everbright Bank, Beijing Lishilu Branch; Account No.: 7501 0188 0003 31250.

Remark: "ABaCAS + Invoice Title" (for individuals) or "ABaCAS + Attendee Name" (for institutions).

*On-site Payment:* POS terminal available at check-in.

4. Invoices: Electronic invoices (content: Conference Service Fee) will be emailed within one week after the conference.

## VI. Contacts

Chinese Society for Environmental Sciences

Zhonghua Zhang, 010-62259894.

South China University of Technology

Wang Chang (15274899873, [1812324430@qq.com](mailto:1812324430@qq.com))

Jinying Lin (13929523355, [474864948@qq.com](mailto:474864948@qq.com))

Lizhen Liang (13512783966, [2509301968@qq.com](mailto:2509301968@qq.com)).

## Appendix 1: Conference Academic Committee

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      Huijun WANG, Academician of Chinese Academy of Sciences

Qiao WANG, Academician of Chinese Academy of Engineering      Xiaoye ZHANG, Academician of Chinese Academy of Engineering

Tong ZHU, Academician of Chinese Academy of Sciences      Junhua LI, Academician of Chinese Academy of Engineering

Qiang ZHANG, Academician of Chinese Academy of Sciences      Jianmin CHEN, Academician of European Academy of Sciences

Shaocai YU, Academician of European Academy of Sciences      Haidong KAN, Academician of European Academy of Sciences

Fahe CHAI, Research Fellow      Changhong CHEN, Research Fellow

Shaojia FAN, Professor      Qingyan FU, Professor

Ying GAO, Professor      Shanling GONG, Research Fellow

Jingnan HU, Research Fellow      Benji JIANG, Professor

Jingkun JIANG, Professor      Xin-Zhi LAI, Professor

Yu LEI, Research Fellow      Li LI, Professor

Wenzhi LI, Professor	Xiangdong LI, Professor
Hong LIAO, Professor	Qian LIU, Research Fellow
Xin LIU, Director	Min SHAO, Professor
Shuxiao WANG, Professor	Tao WANG, Professor
Tijian WANG, Professor	Xinming WANG, Research Fellow
Xuemei WANG, Professor	Zifa WANG, Research Fellow
Pinhua XIE, Research Fellow	Gang YAN, Research Fellow
Daiqi YE, Professor	Hong YE, Professor
Yu ZHAO, Professor	Junyu ZHENG, Professor
Mei ZHENG, Professor	Liuju ZHONG, Professor
Yun ZHU, Professor	
Drew SHINDELL, Academician of the National Academy of Sciences	Hartmut Herrmann, Academician of European Academy of Sciences
Alex WANG, Professor	Armistead RUSSELL, Professor
Carey JANG, Chair Professor	Chatani SATORU, Ph.D.
Dale EVARTS, Director (Retired)	Greg CARMICHAEL, Professor
Hsing-Wei CHU, Professor	Hu TAO, Ph.D.
Jung-Hun WOO, Professor	Jeremy SCHREIFELS, Ph.D.
Jia XING, Professor	Kejun JIANG, Professor
Peter LOUIE, Ph.D.	Savitri GARIVAIT, Professor
Yang LIU, Professor	

## **Appendix 2: Conference Executive Committee**

Shuxiao WANG	Xin LIU	Yongmei CHEN	Carey JANG
Yun ZHU	Nengwu ZHU	Keyou YAN	Daiqi YE
Zhaoxin DONG	Biwu CHU	Ying GAO	Xiangdong LI
Shaojia FAN	Xuemei WANG	Qingyan FU	Yuqiang ZHANG
Zhe WANG	Boyang MAO	Yongjie LI	