

# 中国环境科学学会

---

中环学发字〔2025〕32号

## 关于举办第十二届大气污染控制费效与达标评估暨 大气霾化学国际学术研讨会(ABaCAS 2025) 的通知（第一轮）

各有关单位：

第十二届大气污染控制费效与达标评估暨大气霾化学国际学术研讨会拟定于2025年9月20-22日在湖州德清召开。本次会议在中国工程院、能源基金会等单位的大力帮助和指导下，由清华大学、中国环境科学学会、浙江工业大学、浙江大学、中国科学院生态环境研究中心、华南理工大学等联合主办，浙江工业大学能源与碳中和学院、浙江大学碳中和学院、区域环境安全全国重点实验室、生态环境部大气复合污染来源与控制重点实验室等共同承办，旨在为不同领域、不同学科的专家学者和决策者提供一个高水平学术交流平台，共同探讨中国城市、区域乃至全球能源与环境相关的碳中和路径和大气污染防控策略，进一步推动我国碳污减排、协同增效和环境空气质量持续改善。会议期间还将安排“大气污染控制效益/成本评估和达标系统（ABaCAS）”

培训会，为感兴趣的空气质量建模者、管理者和研究者提供最前沿的中国本地化空气质量评估系统功能和使用演示。

## **一、组织架构**

### **（一）主办单位**

中国环境科学学会、浙江工业大学、浙江大学、中国科学院生态环境研究中心、华南理工大学

### **（二）常务主办单位**

清华大学

### **（三）承办单位**

浙江工业大学能源与碳中和学院、浙江大学碳中和研究院、区域环境安全全国重点实验室、生态环境部大气复合污染来源与控制重点实验室

### **（四）合作单位**

能源基金会

## **二、会议主题**

本届会议主题为：绿色转型下空气质量持续改善。

会议议题如下（包括但不限于）：

- 1.碳污融合排放清单与溯源技术；
- 2.大气复合污染和温室气体立体监测；
- 3.空气质量模拟与控制成本效益分析；
- 4.碳污协同增效路径；
- 5.大气 PM<sub>2.5</sub> 和臭氧污染防控；
- 6.大气环境与健康；

- 7.大气环境大数据与人工智能；
- 8.能源转型与大气环境；
- 9.大气霾化学机制。

### 三、重要日期

正式会议日期:	2025 年 9 月 21-22 日
ABaCAS 培训会:	2025 年 9 月 20 日
报告申请及摘要提交截止日期:	2025 年 8 月 15 日
报告及摘要接收通知日期:	2025 年 9 月 1 日前
提前注册:	2025 年 8 月 31 日前
完全注册:	2025 年 9 月 1 日-20 日

### 四、会议地点

浙江湖州德清

### 五、会议注册

#### (一) 会议服务费

参会代表	8月31日前（早鸟注册）	8月31日-9月20日
在读学生	¥ 1000元	¥ 1200元
非学生	¥ 1800元	¥ 2000元

#### (二) 报名注册

会议采用在线方式注册，国内参会人员请扫描会议报名二维码或在微信小程序中搜索“中国环境科学学会”，点击进入“会议服务”模块报名注册。国外参会人员请登录会议网站（<https://www.abacas-dss.com/Conference/2025>）进行注册。

如申请分会场报告，请于 8 月 15 日前完成报名注册并在线

提交报告摘要，会务组将于 9 月 1 日前通过 Email 方式通知申请者接收情况。



会议报名二维码

### （三）缴费方式

可通过以下三种方式缴费：

1.在线缴费（推荐）：参会代表在线报名注册时，可选择使用支付宝或微信进行缴费。

#### 2.银行汇款

单位名称：中国环境科学学会

开户行：中国光大银行北京礼士路支行

账号：7501 0188 0003 31250

汇款须知：（1）个人转账请务必备注：ABaCAS+发票抬头+姓名+手机号；（2）请将汇款底单上传至会议报名系统，财务审核后会更更新您的缴费状态。

3.现场缴费：报到现场可刷银联卡（POS 机）缴费。

### （四）发票

会议提供电子发票，发票内容为：会议服务费。请参会代表按照系统提示准确填写发票信息及发票接收邮箱和手机号码。现场签到后，实时开具电子版发票。

## 六、会务组人员及联系方式

### 1.中国环境科学学会

联系人：张中华，010-62259894

邮 箱：zhangzh@chinacses.org

### 2.浙江工业大学

联系人：蔡佳燕，0571-88320116

邮 箱：kjr@zjut.edu.cn

附件：1.会议学术委员会

2.会议执行委员会



附件1

## 会议学术委员会

主席：

郝吉明，中国工程院院士

岑可法，中国工程院院士

贺 泓，中国工程院院士

高 翔，中国工程院院士

学术委员会（排名不分先后）：

丁一汇，中国工程院院士

江桂斌，中国科学院院士

赵进才，中国科学院院士

贺克斌，中国工程院院士

王金南，中国工程院院士

王 桥，中国工程院院士

朱 彤，中国科学院院士

俞绍才，欧洲科学院院士

柴发合，研究员

伏晴艳，教 授

蒋本基，教 授

李 莉，教 授

刘 欣，主 任

侯立安，中国工程院院士

陶 澍，中国科学院院士

刘文清，中国工程院院士

张远航，中国工程院院士

黄 震，中国工程院院士

张小曳，中国工程院院士

陈建民，欧洲科学院院士

阚海东，欧洲科学院院士

陈长虹，研究员

范绍佳，教 授

胡京南，研究员

赖信志，教 授

雷 宇，研究员

邵 敏，教 授  
王自发，研究员  
王跃思，研究员  
叶代启，教 授  
叶 宏，教 授  
郑 玫，教 授  
朱 云，教 授  
郑君瑜，教 授  
王 韬，教 授

刘 倩，研究员  
王书肖，教 授  
王体健，教 授  
王雪梅，教 授  
谢品华，研究员  
钟流举，教 授  
赵 瑜，教 授  
廖 宏，教 授

Drew SHINDELL，美国国家科学院院士 Carey JANG，讲座教授

Armistead RUSSELL，教 授

Greg CARMICHAEL，教 授

Jim KELLY，博 士

Tyler FOX，处 长

Alex WANG，教 授

Jeremy AVISE，处 长

Hsing-Wei CHU，教 授

Chatani SATORU，博 士

Jonathan PLEIM，博 士

Jerry LIN，教 授

Jung-Hun WOO，教 授

Joshua FU，教 授

Rohit MATHUR，博 士

Peter LOUIE，博 士

Bui Ta LONG，教 授

Savitri GARIVAIT，教 授

Yang LIU，教 授

Thomas HO，教 授

附件2

## 会议执行委员会

主席：

王书肖

委员：

陈永梅

张士汉

赵 斌

楚碧武

朱 云

张玉强

Carey JANG

刘 欣

郑成航

Joshua FU

张中华

**The 12<sup>th</sup> International Conference on Air Benefit and Cost  
and Attainment Assessment & Symposium on Atmospheric  
Haze Chemistry (ABaCAS 2025)**

**(First Announcement)**

The 12<sup>th</sup> International Conference on Air Benefit and Cost and Attainment Assessment & Symposium on Atmospheric Haze Chemistry will be held in Deqing, Huzhou, Zhejiang from September 20 to 22, 2025. With the support and guidance of organizations including the Chinese Academy of Engineering and the Energy Foundation, this conference will be jointly hosted by the Tsinghua University, Chinese Society for Environmental Sciences, Zhejiang University of Technology, Zhejiang University, Research Center for Eco-Environmental Sciences CAS, and South China University of Technology.

This conference aims to offer an outstanding platform for scientists and policymakers from diverse fields. They will have in - depth discussions on carbon neutrality roadmaps and air pollution control strategies related to the energy and environment at urban, regional, and global levels. The ultimate goal is to further promote China's carbon pollution reduction plans, enhance the synergistic interactions, and continuously improve the quality of ambient air.

During the Conference, a training workshop on the “Air Benefit and Cost and Attainment Assessment System (ABaCAS)” will also be arranged, to provide related air quality modelers, managers and scientists with the demonstration for functions and use of the cutting-edge localized air quality assessment system in China.

## **I. Organizational structure**

### **(I) Hosts**

Chinese Society for Environmental Sciences

Zhejiang University of Technology

Zhejiang University

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

South China University of Technology

### **(II) Permanent host**

Tsinghua University, China

### **(III) Organizers**

Science and Education Integration College of Energy and Carbon Neutralization of Zhejiang University of Technology

Carbon Neutralization Institute of Zhejiang University

National Key Laboratory for Regional Environmental Security

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

#### **(IV) Cooperating organization**

Energy Foundation

## **II. Conference themes**

Continuous air quality improvement under green  
transformation. Sessions (including but not limited to):

1. Emission inventory and traceability technique for atmospheric pollutants and greenhouse gases;
2. “Ground-air-space” monitoring for air pollutants and greenhouse gases;
3. Air quality modelling and cost-benefit analysis for air pollution control;
4. Synergistic control of air pollutants and carbon;
5. Control of PM<sub>2.5</sub> and ozone pollution;
6. Atmospheric environment and health;
7. Big data and artificial intelligence technology in the atmospheric environment;
8. Energy transformation and atmospheric environment
9. Atmospheric haze chemistry

## **III. Important dates**

Formal conference:	September 21-22, 2025
ABaCAS Training Workshop:	September 20, 2025
Deadline for abstract submission:	August 15, 2025
Abstract acceptance:	Before September 1, 2025
Early bird registration date:	Before August 31, 2025
Full registration date:	September 1-20, 2025

#### **IV. Location**

Deqing, Huzhou, Zhejiang

#### **V. Conference registration**

##### **(I) Conference service charge**

Participants	Before August 31, 2025 (early bird registration)	August 31 – September 20
Students	¥ 1,000 Yuan	¥ 1,200 Yuan
Non-students	¥ 1,800 Yuan	¥ 2,000 Yuan

##### **(II) Registration**

The online registration mode will be used for the Conference. Domestic participants can register by scanning the QR code or entering the “Conference Service” module after searching “Chinese Society for Environmental Sciences” in WeChat Mini Program. Foreign participants can register by entering the website of the Conference (<https://www.abacas-dss.com/Conference/2025>).

People to attend the parallel session shall complete registration and submit the report and abstract on line before August 15. The conference team will inform the applicants by email before September 1.



The QR code for the 12<sup>th</sup> International Conference on Air Benefit and Cost and Attainment

Assessment & Symposium on Atmospheric Haze Chemistry

### (III) Payment modes

The participants can pay by the following three modes:

1. Online payment (suggested): The participants can pay by Alipay or WeChat during online registration.

2. Bank transfer

(1) Domestic participants

Name of Organization: Chinese Society for Environmental Sciences

Opening Bank: Beijing Lishi Road Branch, China Everbright Bank

Account Number: 7501 0188 0003 31250

Remittance instructions: (1) Please give the following information for individual account transferring: ABaCAS + invoice

title + name + cell-phone number; (2) please upload the remittance document to the conference registration system; the financial staff will update your payment status after verification.

3. On-site payment: The participants can pay by swiping the UnionPay card (POS machine) at the site.

#### (IV) Invoice

Electronic invoices will be provided, and the invoice content is the conference service charge. The participants shall correctly fill in the invoice information and the email address & cell phone number to receive the invoice in accordance with the system prompt. After the participants sign in at the site, electronic invoices will be issued.

#### (V) Cancellation

If the application is cancelled before August 31, 2025 (including), all expenses will be returned. The application cannot be cancelled after September 1, 2025, but the participants can be replaced. Please submit an online application for cancellation; please send the application for replacement to the following email address, to replace the applicants: zhangzh@chinacses.org.

### **VI. Conference team members and contact information:**

1. Chinese Society for Environmental Sciences

Contact: Zhonghua ZHANG, 010-62259894

Email: zhangzh@chinacses.org

2. Zhejiang University of Technology

Contact: Jiayan CAI, 0571-88320116

Email: [kjrh@zjut.edu.cn](mailto:kjrh@zjut.edu.cn)

Appendixes: 1. Scientific Committees

2. Executive Committees

## Scientific Committees

### **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

Xiang GAO, Academician of Chinese Academy of Engineering

### **Scientific Committees**

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

Xiaoye ZHANG, Academician of Chinese Academy of Engineering

Tong ZHU, Academician of Chinese Academy of Sciences

Jianmin CHEN, Academician of Academia Europaea

Shaocai YU, Academician of Academia Europaea

Haidong KAN, Academician of Academia Europaea

Fahe CHAI, Research Fellow

Changhong CHEN, Research Fellow

Qingyan FU, Professor

Shaojia FAN, Professor

Benji JIANG, Professor

Jingnan HU, Research Fellow

Li LI, Professor

Xinzhi LAI, Professor

Xin LIU, Director

Yu LEI, Research Fellow

Min SHAO, Professor

Qian LIU, Research Fellow

Zifa WANG, Research Fellow

Shuxiao WANG, Professor

Yuesi WANG, Research Fellow

Tijian WANG, Professor

Daiqi YE, Professor

Xuemei WANG, Professor

Hong YE, Professor

Pinhua XIE, Research Fellow

Mei ZHENG, Professor

Liuju ZHONG, Professor

Yun ZHU, Professor

Yu ZHAO, Professor

Junyu ZHENG, Professor

Hong LIAO, Professor

Tao WANG, Professor

Drew SHINDELL, Academician of the National Academy of Sciences

Carey JANG, Chair Professor

Armistead RUSSELL, Professor

Greg CARMICHAEL, Professor

Jim KELLY, Doctor

Tyler FOX, Director

Alex WANG, Professor

Jeremy AVISE, Director

Hsing-Wei CHU, Professor

Chatani SATORU, Doctor

Jonathan PLEIM, Doctor

Jerry LIN, Professor

Jung-Hun WOO, Professor

Joshua FU, Professor

Rohit MATHUR, Doctor

Peter LOUIE, Doctor

Bui Ta LONG, Professor

Savitri GARIVAIT, Professor

Yang LIU, Professor

Thomas HO, Professor

## Appendix 2

### Executive Committees

#### **Chair:**

Shuxiao WANG

#### **Committee members:**

Yongmei CHEN	Shihan ZHANG	Bin ZHAO	Biwu CHU
Yun ZHU	Yuqiang ZHANG	Carey JANG	Xin LIU
Chenghang ZHENG	Joshua FU	Zhonghua ZHANG	