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International Conference on Solid Waste 2025

# Waste Management for Carbon Neutrality and Circular Economy (ICSWDG2025)

9th–12th June 2025
Dongguan, China

## Call for Abstracts

Deadline Extended 11th April 2025

Main Organizations

東莞理工學院 DONGGUAN UNIVERSITY OF TECHNOLOGY

浙江大學 ZHEJIANG UNIVERSITY

iwwg international waste working group

中國環境科學研究院 Chinese Research Academy of Environmental Sciences

Undertaking Organizations

東莞理工學院 DONGGUAN UNIVERSITY OF TECHNOLOGY

粵港澳生態環境科学中心 Guangdong-Hong Kong-Macao Center for Eco-environmental Sciences

Sponsors

中教金源 CE-ALIGHT

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GLOBAL WtERT COUNCIL

## ABOUT THE CONFERENCE

First I would like to take this opportunity again to express my sincere thanks to all your support for the last six International Conferences, ICSWHK2011, ICSWHK2013,ICSWHK2015,ICSWHZ2019,ICSWHK2023, and 'YOU' made the events grand successful. I am so privileged and very pleased to invite you again to actively participate in our next conference:
**"International Conference on Solid Waste 2025: Waste Management for Carbon Neutrality and Circular Economy (ICSWDG2025)".**

Adoption of circular and green economy in waste management sector is the key factor to curb the environmental pollution along with effective mitigation of climate change. However, the present global economy is only 7.2% circular as per Circularity Gap Report 2024 indicating a huge potential for promoting the circular economy across the world. Hence, green recovery and circular economy could be the cornerstone for future waste management practices to achieve United Nations Sustainability Development Goals.

ICSWDG2025 will definitely provide you a great opportunity and platform to exchange your views, visions, and experiences on waste treatment technology, sustainable waste management and environmental issues among scientists, academics, practitioners and policy makers from all over the world. We also wish this conference can be a turning point for companies involved in waste and environment issues to build up a network.

We strongly believe this conference will offer you ample chance to gain new insights about the latest environmental technology.

This is a unique opportunity for the young scientists and researchers who are specialized in waste management. Outstanding papers will be published in special issues of SCI Journals after review. Best Poster Award, and Young Researcher Award are also waiting to acknowledge and embrace your knowledge and potential.

I look forward to meeting you at the ICSWDG2025 Conference held in the high tech city Dongguan, Guangdong Province and wishing you the most pleasurable experience in visiting one of the most dynamic city in China.

## CONFERENCE THEMES

Parallel sessions will be organized to accommodate a large number of oral presentations. Keynote and plenary lectures will be given by experts and related authorities on several specialized themes as follows,

1. Sustainable strategies in waste management
2. Carbon neutral and climate change mitigation approaches on solid waste management
3. Innovative and emerging technologies for solid waste management
4. Life cycle assessment and End-of-life scenarios in waste management
5. Emerging blue and green technologies for solid waste in circular economy
6. Environmental and health impact in circular economy
7. Systematic strategies for waste separation, recycling and recovery towards circular economy
8. Sustainable solid waste management practices– Countries perspective
9. Bioprocesses and bioproducts development
10. Bioenergy and biofuels from waste
11. Biofuels and biorefineries
12. Thermal technologies for waste management – Trend & development
13. Landfill management & leachate treatment
14. Hazardous, industrial and special waste management
15. Electronic waste management, treatment and pollution abatement
16. Waste management industry - Market potential
17. Environmental education for waste management industries and community
18. Artificial intelligence, machine learning and deep learning in waste management

## FORUM

**FORUM ON THE GREATER BAY AREA SUSTAINABLE SOLID WASTE MANAGEMENT - GUANGDONG, HONG KONG, AND MACAO REGIONAL COLLABORATION TO CREATE A WASTE FREE BAY AREA**

The development of the Guangdong-Hong Kong-Macao Greater Bay Area (GBA) is a key national strategy led by President Xi Jinping. China's Eco-Environmental Protection Plan for the GBA (June 2022) calls for the creation of a "Waste-free Bay Area" and serve as a regional model for waste-free cities. To support this vision and enhance collaboration in solid waste management across Guangdong, Hong Kong, and Macao, the **ICSWDG2025** will feature **a Special Forum on the Greater Bay Area Sustainable Solid Waste Management- Guangdong, Hong Kong, and Macao Regional Collaboration** to create a Waste Free Bay Area. The forum will facilitate collaboration between experts from Guangdong, Hong Kong, Macau and international to explore how regional co-governance, coupled with the integration of industry and city government, can achieve sustainable waste treatment with technological innovation and application in the solid waste sector in the Great Bay Area.



## WHO SHOULD PARTICIPATE

Participants will include individuals from local and overseas institutes, professionals in the waste management and climate change sectors, specifically engineers, researchers, consultants, NGOs, government officials, and students engaged in solid waste management. Interested parties and the general public will also be invited to attend the public lecture.

## PUBLICATION

Interested parties are encouraged to submit abstracts for oral and poster presentations. All accepted abstracts and papers will be published in ICSWDG2025 Conference Proceedings in June 2025. In addition, the selected papers presented at the Conference will be examined by the Scientific Committee for possible publication in a special issue dedicated to the Conference outcomes in the renowned peer-reviewed SCI journals "Bioresource Technology (Impact factor: 11.4)". Authors of these papers will be invited after the selection to submit their papers to the journals for the peer-reviewed process.

## TECHNICAL AND SCENIC TOUR

A full day technical and scenic tour will be organized on 12th June 2025 of conference visiting local waste treatment facilities in the morning followed by a scenic tour visiting either Guangzhou or Shen Zhen City.



## CONFERENCE ORGANIZING COMMITTEE

### HONORARY CHAIRS

**Prof. Qirong Shen**
Academician of CAE Member, Nanjing Agricultural University, P.R. China

**Prof. Kefa Cen**
Academician of CAE Member, Zhejiang University, P.R. China

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**Prof. Beidou Xi**
Chinese Research Academy of Environmental Sciences, P.R. China

## KEYNOTE SPEAKERS

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University of Queensland, Australia

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University of Padova, Italy

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Hawaii University, USA

**Prof. Michael Nelles**
University of Rostock, Germany

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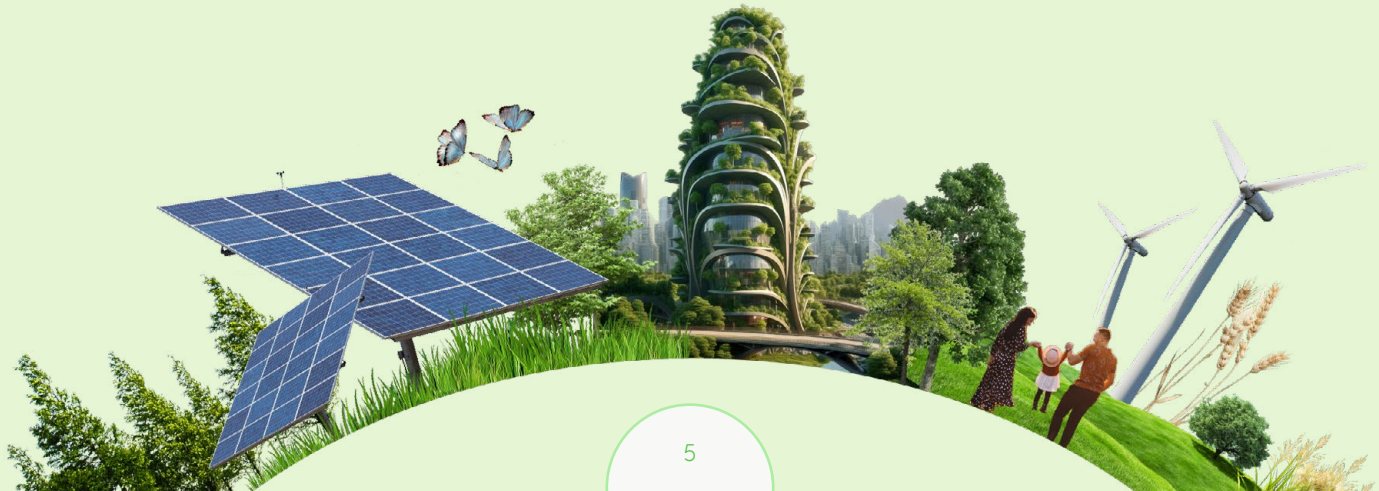
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Zhejiang Univerisity, P.R. China

**Prof. Weixiang Wu**
Zhejiang Univerisity, P.R. China

**Prof. Kai Zhang**
University of Göttingen, Germany

**Prof. Tian Zhang**
University of Nebraska-Lincon, USA

**Prof. Lixiang Zhou**
Nanjing Agricultural University, P.R. China

## REGISTRATION

| | |
|---|---|
| **Full Delegates**<br>Early Bird Rates *(till 1st April 2025)* | ¥2500 |
| **Full Delegates**<br>Normal Registration *(after 2nd April 2025)* | ¥3000 |
| **Students** | ¥1500 |
| **Day Registration**<br>*One day pass for the main conference* | ¥1200 |
| **Banquet Dinner** | ¥300 |

**Only in-person registration*

**The registration fee includes the main conference from 9th-12th June 2025*

**To qualify for the student rate, students are required to provide a copy of a valid ID that certifies their full-time student status by uploading a PDF copy through registration online.*

## SPONSORSHIP

The conference would undoubtedly provide you with a unique opportunity to gain a prominent vision and explore business opportunities among various stakeholders in the area of Sustainability and Resource Management. The sponsorship packages are offered as follows:

| Benefits | Diamond Sponsor ¥ 80,000 | Platinum Sponsor ¥ 60,000 | Gold Sponsor ¥ 40,000 | Silver Sponsor ¥ 20,000 | Bronze Sponsor ¥ 10,000 |
|---|---|---|---|---|---|
| Company logo in all publication materials | ✓ | ✓ | ✓ | ✓ | ✓ |
| Number of free registrations | 6 | 5 | 3 | 2 | 1 |
| Advertisement in the abstract book | Inner cover page or inner/outer bottom page | 1 full-page | 1 full-page | Half- page | ¼-page |
| Poster promotion space | 1 | 1 | x | x | x |

The interested parties are invited to fill in the Sponsorship/Donation Form which can be provided upon request by contacting the Secretariat. Your support and contribution would make a significant difference in achieving the goal of this conference.



Picture of Dongguan, China.

## IMPORTANT DATES

| | |
|---|---|
| **11th April 2025** | Abstract submission deadline |
| **18th April 2025** | Notification of acceptance of abstracts for presentation |
| **1st April 2025** | Deadline for early bird registration |
| **8th June 2025 14:00-17:00** | Conference check-in |
| **9th June 2025** | Conference opening date |
| **12th June 2025** | Technical field trips |

## ABOUT DONGGUAN

Dongguan is known for its vibrant economy, culture, technology and manufacturing industries. In resent years, Dongguan has actively promoted economic transformation and upgrading, constantly optimized the industrial structure, and sustained economic growth. Dongguan is also famous for its long history and special culture and tradition. It is one of the birthplaces of South Cantonese culture in China, with numerous historical sites and cultural landscapes. At the same time, Dongguan is a city of technological innovation, with many high-tech enterprises and research and development institutions. It brings together many high-tech talents and enterprises in fields including artificial intelligence, biomedicine, new materials.

## CONFERENCE SECRETARIAT

Please address all your queries/requests/ submissions to the ICSWDG-2025 secretariat:

**Tel:**
18824376161 (Dr. Xu)

**Email:**
icsw2025@outlook.com

**For more information, please visit our website by scanning the QR code, or clicking the link below:**
www.icswdg.cn