



Call for Abstracts

The 12th International Conference on Low Carbon Asia (ICLCA 2026)

19-22 Oct 2026

Shanghai Jiao Tong University
Shanghai, China

Moving the Needle to 1.5: Science, Technology, Finance, and Policy Integration to Materialise Asia's Net-Zero Transition

The 12th International Conference on Low Carbon Asia (ICLCA 2026, <https://iclcaconf.com/>) will be held from October 19 to 22, 2026, in Shanghai, China. This conference is jointly organized by Shanghai Jiao Tong University and Universiti Teknologi Malaysia, co-organized by Beijing Normal University and the Shanghai Academy of Agricultural Sciences, and supported by World Federation of Engineering Organizations (WFEO). As a major annual academic event, the International Conference on Low Carbon Asia is dedicated to establishing a high-level platform for global academia, government agencies, industry stakeholders, and related organizations. It aims to facilitate in-depth discussions on the latest advancements in sustainable development and the transition to net-zero emissions across Asia and beyond, fostering knowledge sharing and cross-sector collaboration.

The inaugural International Conference on Low Carbon Asia was initiated by Universiti Teknologi Malaysia and has since been successfully held in various countries and

regions, including Japan, the Philippines, Vietnam, and Dalian China. Covering a wide range of research areas such as sustainable energy systems, sustainable agriculture, urban waste and water management, circular economy, green finance, and clean technologies, the conference serves as a dynamic international academic platform. It provides valuable opportunities for advancing green industry innovation and fostering research collaboration on net-zero emissions.

Under the theme "Moving the Needle to 1.5°C," this year's conference seeks to integrate science, technology, finance, and policy to accelerate Asia's carbon-neutral transition and contribute insights and solutions toward limiting global warming to 1.5°C. The conference will delve into this core theme through in-depth discussions, sharing innovative practices and exploring viable pathways to collectively advance the construction of a sustainable future.

We cordially invite experts, scholars, industry professionals, and researchers from around the world to submit English-language papers related to the following research directions. We welcome active submissions and look forward to collaborating to promote low-carbon development and environmental protection.

Call for Papers

ICLCA 2026 invites submissions of abstracts on the following themes, including but not limited to:

(1) Low-carbon solutions (Technology, policy & implementation)

- Advancements in energy efficiency & renewable energy
- Transitioning to low-carbon energy systems
- Low-carbon urban planning & smart cities
- Sustainable transportation & mobility innovation
- Carbon markets, climate finance & policy development
- Governance, policy & business models for net zero

(2) Circular economy & sustainable production (Innovation, business & society)

- Waste management & circular economy strategies
- Material innovation & sustainable product design
- Greener manufacturing & industrial decarbonization
- Resource efficiency in supply chains & business operations
- Consumer behavior, green marketing & sustainable lifestyles

(3) Biodiversity & nature-based solutions (Ecology, conservation & social resilience)

- Biodiversity conservation & ecosystem services
- Ecosystem restoration & climate adaptation strategies
- Nature-based climate mitigation (e.g., Blue carbon, reforestation)
- Urban nature-based solutions & green infrastructure
- Sustainable agriculture, land use & indigenous knowledge
- Community engagement, education & social transformation

(4) Climate justice & inclusive transition (Equity, culture & sustainable development)

- Climate justice, equity & just transition strategies
- Indigenous & local knowledge in climate solutions
- Social innovation & community-led sustainability projects
- Public awareness, behavioral change & education
- Climate risks, resilience & adaptation in vulnerable communities

Submission Guideline

Abstract submission

The author needs to submit the abstract via <http://registration.sdewes.org/iclca26>

The abstract should be filled up (or copy-paste) in the system directly, there is no need to format your abstract and upload it to the system.

Full paper submission

Login to the system to obtain the CET template and prepare the 6-page manuscript according to the guideline stated in the template. Accepted paper will be published in Chemical Engineering Transaction (CET) (ISSN: 2283-9216, Scopus-indexed).

Important Dates

10 January 2026: Abstract submission open

30 June 2026: Abstract submission due

30 July 2026: Full paper submission due

15 September 2026: Early bird due

30 September 2026: Normal registration due

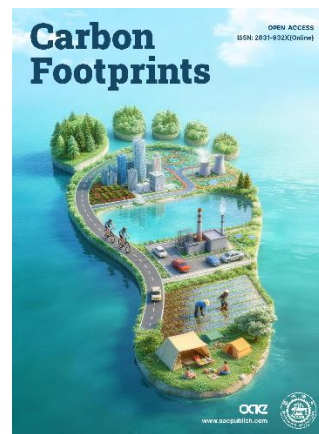
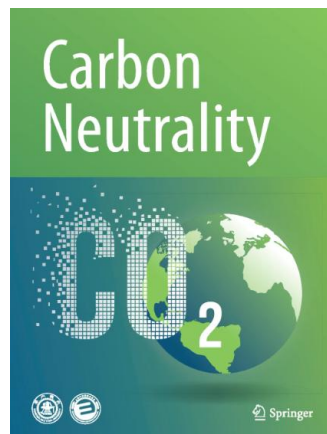
19-22 October 2026: Conference days

Supporting Journals

Accepted paper will be published in Chemical Engineering Transaction (CET) (ISSN: 2283-9216, Scopus-indexed). Selected high-quality abstracts from ICLCA 2026 will be invited to submit to special issues and publish in Energy (Elsevier), Carbon Neutrality (Springer Nature) or Carbon Footprint (OAE Publishing Inc.). More partner journals will be announced soon.



Available online at www.sciencedirect.com
ScienceDirect



Awards

The following awards will be presented during ICLCA 2026

- Best Presentation Award
- Best Paper Award
- Best Poster Award

Registration

At least one author of an accepted abstract must register for the conference. Authors are required to complete registration and payment by the day of the conference. The registration portal is currently not open. Please stay tuned for updates.

Registration fee	EARLY BIRD	NORMAL
Abstract + Full paper	CNY 5200 / MYR 3000	CNY 5800 / MYR 3300
Abstract Only (Oral/Poster)	CNY 2800 / MYR 1600	CNY 3200 / MYR 1800
Participant *Non-presenter	CNY 2000 / MYR 1200	CNY 2400 / MYR 1350

For inquiries regarding full paper submissions or payment issues, please contact the organizing committee

Plenary Speakers



Academician Wen LING
Chinese Academy of Engineering (China)



Prof. Saleem H. ALI
University of Delaware (US)



Prof. Raimund BLEISCHWITZ
Leibniz Centre for Tropical Marine Research (ZMT) &
University of Bremen (Germany)



Prof. Neven DUIC
University of Zagreb (Croatia)



Prof. Toshihiko MASUI
University of Osaka (Japan)



Prof. Joseph SARKIS
Worcester Polytechnic Institute (US)



Prof. Ruzhu WANG
Shanghai Jiao Tong University (China)

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Conference Venue

School of Environmental Science and Engineering, Shanghai Jiao Tong University, 800

Dongchuan Road, Minhang District, Shanghai, China



Organizers



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UTM Low Carbon Asia Research Centre



Shanghai Engineering Research Center of Low-Carbon Agriculture

Supported by



Official conference webpage link

Website: <https://iclcaconf.com/>

Contact us

Email: iclcatech@gmail.com