ICSCGE 2025

The 5th International Conference on Smart City and Green Energy

Time December 12-14, 2025

Venue Melbourne, Australia

Sponsored by Monash University, The 5th International Conference on Smart City and Green Energy (ICSCGE 2025), will be held in Melbourne, Australia from December 12 to 14, 2025, which is to bring together experts and scholars from around the world to discuss the latest advancements and innovative achievements in the field of smart city frameworks and their role in sustainable development and green energy. ICSCGE is a premier conference dedicated to exploring innovative technologies and sustainable solutions for smart cities and green energy. This conference serves as a platform for researchers, academics, industry professionals, and policy-makers to exchange ideas, present their latest research findings, and discuss the challenges and opportunities in building smarter, more sustainable cities. ICSCGE 2025 will feature keynote speeches, paper presentations, panel discussions, and workshops focusing on cutting-edge technologies, best practices, and policies aimed at creating greener and more efficient urban environments. Join us at ICSCGE 2025 to be a part of this important conversation shaping the future of smart cities and green energy.

CONFERENCE COMMITTEE

Conference Chairs
- Hao Wang, Monash University, Australia
- Fushuan Wen, Zhejiang University, China

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- Siqi Bu, Hong Kong Polytechnic University, China
- Chunyu Zhang, Taizhou University, China
- Rui Zhang, (ARC DECRA Fellow), University of New South Wales, Australia

Panel Session Chairs
- Xiangjun Li, China Electric Power Research Institute, China
- Zhen Wang, Zhejiang University, China
- Xiangjing Su, Shanghai University of Electric Power, China

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- Fei Teng, Imperial College London, UK
- Wei Lin, The University of Hong Kong, China
- Xiaoying Tang, The Chinese University of Hong Kong (Shenzhen), China
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Publicity Chairs
- Mahdi Banejad, Shahrood University of Technology, Iran
- Sambeet Mishra, University of South-Eastern Norway, Norway
- Shuai Lu, Southeast University, China
- Hai Wang, Murdoch University, Australia
- Heng Zhang, Shanghai Jiao Tong University, China

* For more information about conference committee, please view conference website: https://icscge.org/com.html

CONFERENCE TOPICS

Topics and technical areas of interest include but are not limited to the following:

1. Smart City Planning and Design
- Urban Sustainable Development Planning
- Smart City Infrastructure Design
- Urban Spatial Planning and Management
- Smart City Communication and Networking
- Smart City Safety and Surveillance
- Smart City Services and Management
- Urban Integrated Energy System

2. Smart Transportation and Logistics Management
- Intelligent Transportation Systems
- Logistics Information Technology
- Smart Transportation Management and Control
- Climate Change Adaptation and Resilience in Smart Cities
- Sustainable Energy Sources and Management in Smart Cities
- Electric Vehicle Charging Facility Planning

3. Green Building and Smart District
- Passive House Building Standards
- Green Building Materials and Technology
- Building Energy Efficiency and Management
- Net-zero Carbon Building
- Smart District Integrated Energy System

4. Environmental Monitoring and Data Analysis
- Air Quality Monitoring and Management
- Water Resource Monitoring and Protection
- Environmental Big Data Analysis and Applications
- IoT Enabled Energy Systems

5. Smart Grid and Smart Energy Systems
- Smart Grid Technology and Applications
- Energy Data Analysis and Management
- Smart Grid Security and Reliability
- Grid Planning, Operation and Management
- Low-carbon Smart Grid Transformation
- Applications and Challenges of Computer Vision in Smart Grid and Energy Systems
- Computational Intelligence, Big Data, ICT and Blockchain Applications in Smart Grids
- Coordinated Operation, Control and Cyber-physical Security of Smart Grid
- Grid Resiliency, Security, Reliability, Stability and Protection
- Microgrids, Standalone Power Systems and Virtual Power Plants

6. Renewable Energy Generation and Storage Technologies
- Renewable Energy Generation Technology
- Energy Storage Technology
- Integration and Management of Renewable Energy Generation
- Energy Conservation and Efficiency

7. Electricity and Carbon Emission Markets, Innovative Business Mechanism, Policy/Regulatory Aspects
- Electricity and Energy Policy/Regulatory Issues
- Electricity Market and Carbon Emission Market
- Innovative Business Mechanism in Different Kinds of Electricity and Carbon Emission Markets

PAPER SUBMISSION

Full Paper Submission

Please prepare the full paper according to below requests.
- The document should be in English and should not exceed five double-column double-spaced pages (excluding references).
- All authors should prepare full versions of papers in pdf or doc format.
- Papers must be with at least 4 pages, including text, references, tables and figures. Please follow the paper template:
  https://icscge.org/conference-template-letter.docx
- Submissions to ICSCGE 2025 must not be already published or under review at another archival conference or journal. Papers on arXiv do not violate this rule as long as the submitted paper does not cite them. Submitting a paper to the conference means that if the paper was accepted, at least one author will complete the regular registration and attend the conference to present the paper. For no-show authors, their papers will not be included in the proceedings.

Submission System
Scan the QR code on the left or copy the link below to enter the submission system:
https://easychair.org/conferences/?conf=icscge2025

Abstract Submission

If you prefer not to publish a paper, but instead of preparing an abstract for an oral presentation or poster to be presented during the conference, please submit your abstract for an oral/poster presentation. A written paper is not required for this abstract, however, your oral or poster presentation must be presented by the author. **Please note that the abstract will NOT be published** and follow the template below.
https://icscge.org/Abstract%20Template.doc

Publication

Submissions will be reviewed by the conference technical committees, and accepted papers will be published in ICSCGE 2025 International Conference Proceedings, which will be submitted for inclusion in the IEEE Xplore Digital Library, and submitted for indexing by EI compendex and Scopus.

Important Dates

Submission Deadline: August 10, 2025
Notification Deadline: September 10, 2025
Camera-ready Deadline: October 30, 2025
Conference Dates: December 12-14, 2025