



Melbourne, Australia  
January 18-20, 2025



## 2025 9th International Conference on Sustainable Energy Engineering

**2025 9th International Conference on Sustainable Energy Engineering (ICSEE 2025)** will take place in **Melbourne, Australia on January 18-20, 2025**, **Co-organized by University of Melbourne and University of Tasmania**. ICSEE 2025 will offer an extensive program of interest to academia, government and industry. It will include several distinguished keynote speakers and three conference days full of papers, posters, etc. A series of exciting speeches to develop skills and advance awareness of requirements engineering practices are of particular interest to industry.

### Paper Publication

Honorable authors are cordially invited to contribute their research papers. All papers submitted to the conference will be subjected to the rigorous peer-review process. ICSEE 2025 all accepted papers will be published into Conference Proceedings, which submitted for **Ei Compendex, Scopus**, et al.



Authors are encouraged to submit your extended paper with at least 35% new added content and new title to the journal below publication after the conference. The submission deadline for journal is April 30, 2025.

**International Journal of Sustainable Energy** publishes the latest research on the science and engineering of sustainable energy systems. It is abstracted and indexed in **ESCI, Scopus (Citescore 2021: 4.5), EBSCO**, and more.

### ICSEE History

ICSEE 2024 | Brisbane, Australia | Springer-GET | index coming soon  
 ICSEE 2023 | Virtual Conference | Springer-GET | Ei Compendex & Scopus  
 ICSEE 2021 | Virtual Conference | IOP Conference Series: Earth and Environmental Science (EES) | Scopus  
 ICSEE 2020 | Virtual Conference | IOP Conference Series: Earth and Environmental Science (EES) | Ei Compendex & Scopus  
 ICSEE 2019 | Shanghai, China | IOP Conference Series: Earth and Environmental Science (EES) | Ei Compendex & Scopus  
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### Important Dates

Submission Deadline	<b>August 25, 2024</b>
Notification of Acceptance	<b>September 25, 2024</b>
Registration Deadline	<b>October 10, 2024</b>

### Submission Methods

1. Online Submission System via the link:  
<http://confsys.iconf.org/submission/icsee2025>
2. Submit by email directly: [icsee@chairmen.org](mailto:icsee@chairmen.org)

### Contact us

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Co-organized by:



Support By:



### Call For Papers

#### Track 1: Intelligent Power System

- ▶ Distributed power generation
- ▶ Real-time monitoring of the power grid
- ▶ Redesigning the transmission network
- ▶ Pros and cons of Microgrids
- ▶ Load forecasting
- ▶ Power electronics devices for integration of renewable energy sources
- ▶ Battery technologies for intermittent power sources
- ▶ Electric Power Generation, Transmission and Distribution
- ▶ Power system economics, operation and control
- ▶ Microgrid and active distribution network management
- ▶ FACTS and HVDC controllers
- ▶ Protection, reliability, and restructuring of power systems
- ▶ Smart Grid and Renewable Energy Integration
- ▶ Transformation of power grids to smart grids
- ▶ Energy storage and cyber security for smart grids
- ▶ Role and future of electric vehicles in smart grids
- ▶ Hybrid vehicles and its integration

#### Track 2: Green Energy and Technology

- ▶ Technologies that promote Hydro electricity, Solar energy, Wind energy, Wave power, Geothermal energy, Bioenergy, Tidal power
- ▶ Limitations of green energy generation
- ▶ Next generation energy management systems
- ▶ Sustainable coal use and clean coal technologies
- ▶ Natural gas research and development
- ▶ Carbon and Methane capture, storage and utilization
- ▶ Green Energy in Transport
- ▶ Advance biofuel for a sustainable heavyduty transport and aviation
- ▶ Biofuels in developing economies
- ▶ Energy efficiency in building designs and management
- ▶ Sustainable materials for buildings
- ▶ Integration of renewable energy sources in buildings
- ▶ Greening Urbanization and Urban Settlements
- ▶ Low carbon city scenarios, plans and actions
- ▶ Green Policies and Programmes
- ▶ National bioenergy programmes: economic, political and social issues
- ▶ Bioenergy supply management strategies
- ▶ Mainstreaming lowcarbon innovations
- ▶ Income generation with green energy
- ▶ Green energy and energy access
- ▶ Green energy and social benefits
- ▶ Increasing energy access with clean resources
- ▶ Rural Development through Green Energy
- ▶ Energy in food production and processing
- ▶ Green Energy Education and Training

More topics, please visit: <http://www.icsee.org/cfp.html>