



AISS 2026

Special Session 3

Osaka, Japan | October 23-25

2026 Second International Conference on Artificial Intelligence for Sustainable Society

GOVERNING THE CO-EVOLUTION OF AI AND ENERGY SYSTEMS FOR SUSTAINABLE SOCIETIES

◆ Call For Papers

TOPICS OF INTEREST INCIUDE, BUT ARE NOT IIMITED TO

AI-Energy Co-evolution and Socio-technical Systems

- Co-evolution of AI and energy systems
- AI-enabled sustainability transitions
- Socio-technical system transformation
- Technological innovation and energy transition
- Innovation ecosystems for sustainable development

Governance, Organizations, and Markets

- Governance of AI-energy systems
- Organizational adaptation to AI and energy transition
- Public policy and technology governance
- Sustainable finance and investment for AI and energy transition
- Industrial transformation and business model innovation
- Supply chains and operations for sustainable AI ecosystems
- Responsible AI and environmental governance

◆ Important Dates

- | | |
|-------------------------|---------------|
| • Submission Deadline | September 15 |
| • Notification Date | September 30 |
| • Registration Deadline | October 10 |
| • Conference Date | October 23-25 |

◆ Publication

All accepted papers will appear in the conference proceedings published by Springer-Verlag in One volume of **Springer Book Series Smart Innovation, System and Technologies (SIST)**. The book series is indexed by **SCOPUS, EI Compendex, INSPEC, WTI Frankfurt eG, zbMATH, Japanese Science and Technology Agency (JST), SCImago, DBLP**. All books published in the series are submitted for consideration in **Web of Science**.

AISS 2025 proceedings | Springer book series: Advances in Sustainability Science and Technology (ASST)

<https://link.springer.com/book/9783032252661>

◆ Contact Us

Ms. Bailey Zhou

Tel: +86-17381841590

Email: aiss@chairmen.org

SESSION CHAIR



Prof. Young-Choon Kim
[UNIST, Republic of Korea](#)



Prof. Ji-Bum Chung
[UNIST, Republic of Korea](#)

Artificial intelligence (AI) and the energy transition are among the most transformative forces shaping contemporary societies. While AI is accelerating innovation across industries, it is also driving unprecedented demand for electricity, computing infrastructure, and critical resources. Conversely, the transition toward low-carbon energy systems is increasingly influencing the development, deployment, and governance of AI technologies. Rather than evolving independently, AI and energy systems are co-evolving through complex interactions among technological innovation, organizations, markets, institutions, and public policy.

This special session provides an interdisciplinary forum for advancing an evidence-based understanding of the governance of AI-energy co-evolution. We invite research that examines how organizations, governments, industries, and society respond to the opportunities and challenges arising from these intertwined transformations. The session particularly welcomes empirical studies that leverage large-scale datasets, patent and publication databases, firm-level information, network analysis, longitudinal data, simulation, and other quantitative or mixed-method approaches to generate rigorous evidence on AI-energy interactions.

By integrating perspectives from sustainability transitions, innovation studies, organizational research, public policy, finance, and operations, the session seeks to develop a coherent understanding of how AI and energy systems evolve together and how effective governance can foster resilient, low-carbon, and sustainable societies.

◆ Submission

ENTER THE SUBMISSION SYSTEM
AND SELECT SPECIAL SESSION

- Submissions should include author information, abstract, 5-10 keywords, and be in PDF format. Paper length should be longer than 10 pages in conference template.
- Abstract/ Presentation: Abstract submission required; oral presentation only; will not be published.
- Full Paper/Publication: Full paper submission required; presentation required; will be published.
- Submission Link: <https://www.zmeeting.org/submission/aiss2026>

Conference Program ◆

October 23, 2026 | 10:00 - 17:00

Pre-conference Registration

October 24, 2026 | 08:30 - 12:10

Walk-in Registration & Information Booth
& Keynote Speech

October 24, 2026 | 15:30 - 20:00

Concurrent Sessions & Dinner

October 25, 2026 | 09:00 - 17:00

Excursion or Technical Visit

More Information : <https://www.icaiss.net/ss3.html>