

Editorial: A New Horizon for AMS – Editorial Board, Global Impact, and Future Directions

As the Applications of Modelling and Simulation (AMS) journal enters its ten years of publication, Volume 10 represents a major milestone for the journal. We are strengthening the journal with the mission to provide a world-class publication platform for advanced works in modelling and simulation.

Enhanced Editorial Board

To ensure a high-quality scholarly journal, the AMS editorial board has been further strengthened. Currently, the editorial board features a global network of experts, including three Editors-in-Chief of Web of Science-indexed journals. Other members of the editorial board also serve as Associate Editors for various high-impact platforms.

Furthermore, Prof. Gregory Zacharewicz (President-Elect of the Society for Modeling and Simulation International, SCS) and Prof. Lin Zhang (President of the Asia Simulation Federation, ASIASIM) have also participated in the editorial board. We are confident that the combined expertise of all the editors will elevate the journal to its next stage of development.

Global Reach and Impact

Reviewing the combined outputs of Volume 8 (2024), Volume 9 (2025) and our current Volume 10, the diversity of our contributors is a standout achievement. Beyond our strong roots in Malaysia, our authors represent a vast geographic stretch, from the United Kingdom, Greece and Turkey to Asia (Japan, China, India, Indonesia, Thailand, Vietnam, Iran and Iraq) and Africa (Algeria, Egypt, Nigeria, Cameroon and Benin).

We believe AMS is no longer a regional publication. It is a global forum indexed by Scopus and Directory of Open Access Journal (DOAJ). This internationalization is also reflected in the journal metrics. As of the 5th February 2026 update, the Scopus CiteScore Tracker shows that the journal has climbed from 1.1 in 2024 to 1.3 in 2025. This trajectory confirms that our published research is impacting the global community and generating meaningful citations.

Thematic Focus for 2026 and Beyond

As we look toward the future, AMS is prioritizing several key domains that represent the next frontier of simulation science. We are particularly interested in:

- Digital Twin Frameworks: Shifting from static models toward real-time, synchronized virtual representations of complex physical systems.
- AI-Integrated Modelling: Leveraging machine learning to enhance predictive accuracy and automate model generation.
- Sustainable Systems: Applying simulation to optimize energy efficiency and resource management in manufacturing and urban planning.
- Cyber-Physical Systems (CPS): Exploring the tight integration of computation, networking, and physical processes.
- Manufacturing and Industry 5.0: Utilizing simulation to enhance productivity and enhancing the human-machine relationship.
- Robotics and Autonomous Systems: Focusing on the simulation-driven optimization of robot designs, control algorithms, and autonomous behavior.

We welcome submissions in the thematic focus area. AMS remains as a Diamond Open Access journal with no article processing charges.

Finally, I would like to extend my sincere gratitude to our authors, reviewers, and the editorial team for their continuous support in this journey.

Zaharuddin Mohamed

Editor-in-Chief

Applications of Modelling and Simulation (AMS)