

Special Issue

Mathematical and Computer Modelling of Technical and Engineering Systems

Message from the Guest Editors

This Special Issue will bring together cutting-edge research that highlights both methodological innovations and practical applications of modelling. We welcome contributions that explore novel mathematical frameworks, hybrid approaches combining physics-based and data-driven models, and interdisciplinary studies that bridge theory with practice. Particular emphasis will be placed on works that demonstrate how modelling can provide actionable insights, improve decision-making, and enhance system resilience in uncertain and dynamic environments. Special Issue is open to a broad spectrum of topics, including but not limited to the following:

- Frontiers in Data-Driven and Computational Modelling of Complex Systems;
- Innovations in Computational and AI-Enhanced Modelling for Complex Systems;
- Hybrid Approaches in Data-Driven and Physics-Based Modelling of Complex Systems;
- Next-Generation Computational Modelling: From Algorithms to Applications.

Guest Editors

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About the Journal

Message from the Editorial Board

We encourage you to contribute a research or comprehensive review article for consideration and publication in *Modelling* (ISSN 2673-3951), an international open access journal, which is published quarterly online by MDPI. The editorial board and staff of *Modelling* are dedicated to providing an advanced forum for studies related to the development and applications of modelling and simulation techniques. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications.

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