

Special Issue

Modelling Sustainable Engineered Systems

Message from the Guest Editors

The contemporary world is a world of global, large, complex, multi/inter/transdisciplinary socio-technical systems made up of other systems. The challenge is increasing as systems, in general, evolve towards a tailored service base, simultaneously incorporating the dimensions of sustainability, adaptability, resilience and delivery of value to society. Modelling is a universal technique to understand and simplify reality through abstraction. The model-based systems engineering (MBSE) paradigm intends to create a shared and coherent vision for the system through a model-based environment (principles, methods, languages, and tools). In this context, the main purpose of this Special Issue is to collect a series of valuable studies highlighting the present-day challenges of complex engineering systems. Research areas may include (but are not limited to) the following:

- Systems engineering/engineered systems;
- Model-based systems engineering;
- Sustainable engineered systems;
- Modelling (modelling approaches and models for industrial engineering);
- SD, DES, ABS paradigms and/or hybrid simulation;
- Decision-support models.

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Deadline for manuscript submissions

closed (10 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/140862

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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