

## Special Issue

# Modelling for Reliability and Maintenance Engineering

### Message from the Guest Editors

This Special Issue of Modelling seeks to attract relevant contributions on reliability and maintenance modeling. Therefore, we invite submissions with an original perspective and advanced thinking on this topic and related issues. We welcome original research papers with theoretical development and solid empirical grounding on any one or more of (but not limited to) the following topics:

- degradation modeling and reliability assessment;
- reliability analysis;
- prognostics and health management;
- reliability and maintenance engineering;
- digital twin for reliability and maintenance;
- reinforcement learning for maintenance decision-making;
- machine learning for reliability;
- reliability and maintenance modeling for cyber-physical systems;
- maintenance for industry 4.0;
- life cycle/performance analysis;
- spare parts supply chain management;
- warranty management and data analysis.

For more information

<https://www.mdpi.com/si/56264>

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Modelling

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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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### Editors-in-Chief

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

#### Journal Rank:

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