

Special Issue

Modelling of Nonlinear Dynamical Systems

Message from the Guest Editors

This Special Issue explores the latest advancements in nonlinear dynamical system modeling. It aims to highlight innovative research and practical applications that leverage nonlinear dynamical system modeling in order to enhance the understanding, analysis, prediction, and control of complex systems. This Special Issue seeks to provide valuable insights for researchers, practitioners, and industry professionals dedicated to deepening their insights into complex phenomena and developing effective solutions through cutting-edge nonlinear dynamical system modeling techniques.

Guest Editors

Prof. Dr. Liming Dai

Industrial Systems Engineering, University of Regina, Regina, SK S4S 0A2, Canada

Prof. Dr. Jialin Tian

School of Mechanical Engineering, Southwest Petroleum University, Chengdu 610500, China

Deadline for manuscript submissions

31 March 2026



Modelling

an Open Access Journal
by MDPI

Impact Factor 1.5
CiteScore 2.2



mdpi.com/si/248353

Modelling
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
modelling@mdpi.com

[mdpi.com/journal/
modelling](https://mdpi.com/journal/modelling)





Modelling

an Open Access Journal
by MDPI

Impact Factor 1.5
CiteScore 2.2



[mdpi.com/journal/
modelling](https://mdpi.com/journal/modelling)



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.

Editors-in-Chief

Prof. Dr. Alfredo Cuzzocrea

1. DISPES Department, University of Calabria, 87036 Rende, Italy
2. Institute of High Performance Computing and Networking, Italian National Research Council, Via P. Bucci, 7/11C, 87036 Rende, Italy

Prof. Dr. Wei Gao

School of Civil and Environmental Engineering, Faculty of Engineering,
University of New South Wales, Sydney, NSW 2052, Australia

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Ei
Compendex, EBSCO and other databases.

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:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q2
(Mathematics (miscellaneous))