

Special Issue

Mathematical Modelling and Optimization for Sustainable Operations Management

Message from the Guest Editor

The Special Issue of *Mathematics*, entitled "Mathematical Modelling and Optimization for Sustainable Operations Management", focuses on the application of mathematical models and optimization techniques to enhance sustainable operations management. Sustainable operations management is of increasingly greater interest and importance for practice and research world, in which some modeling and optimization problems have been paid special attention. These include dynamic scheduling and planning, supply chain collaboration, location and allocation problems, inventory problems, vehicle routing problems, etc. In this Special Issue, we are interested in the modeling and optimization to sustainable operations management in a broad sense. The aim of this Special Issue is to bring together high-quality contributions in multiple application fields tackling real-world optimization problems where mathematical programming-based methods are used.

Guest Editor

Prof. Dr. Elias Olivares-Benitez

Faculty of Engineering, Universidad Panamericana, Guadalajara 45010, Mexico

Deadline for manuscript submissions

closed (31 May 2025)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/174524

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

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





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



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



About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).