

Special Issue

Mathematical Methods and Models in Epidemiology, 2nd Edition

Message from the Guest Editors

This Special Issue of *Mathematical Biology* will focus on recent developments in epidemiological methods and models. We are seeking articles that compare existing models as well as newer versus older models, and those that provide an overview of the development of new models and numerical studies. We expect several of these articles to deal with general theory, while others will cover more specific epidemic and endemic diseases. To be considered for submission, articles should not be purely based on conjectural possibilities but should be related to a current situation or connect a current situation to previous ones. We hope to hear from authors throughout the world, especially those who are carefully studying the dynamics in the most affected areas.

Guest Editors

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Deadline for manuscript submissions

30 September 2025



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



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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.

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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).