

Special Issue

Mathematical Biology: Developments in Epidemic and Endemic Models

Message from the Guest Editors

This special edition of Mathematical Biology will focus on epidemic and endemic models of diseases. The edition will be looking for articles that provide an overview and that compare and contrast existing models, development of new models, numerical studies and comparisons of newer models versus older models. The journal expects to publish several articles on the general theory of epidemic and endemic diseases. However, articles based totally on conjectural possibilities are not encouraged unless they can be related to the current situation or connect the current situation to previous ones. We hope to hear from authors throughout the world but also those who are carefully studying the dynamics in areas most affected. The research topics include, but not limited to the following:

- Mathematical biology
- Epidemic models
- Endemic models
- COVID-19

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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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Author Benefits

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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).