

Special Issue

Advances in Mathematical Models for Renewable Resources and Population Dynamics

Message from the Guest Editor

The aim of this Special Issue is to gather original contributions and reviews on the development and application of mathematical models to sustainable development challenges. The focus will be on both theoretical advances and practical applications, with an emphasis on renewable resource management, population dynamics, and epidemic control. This Special Issue fits within the scope of *Mathematics*, as it highlights both pure and applied mathematical approaches that contribute to solving real-world problems. We expect the collection to stimulate interdisciplinary exchanges between mathematicians, ecologists, epidemiologists, and engineers, fostering a broader understanding of sustainability through mathematics.

Guest Editor

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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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Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).