

# Special Issue

## Advances in Graph Theory, Combinatorics, and Applications

### Message from the Guest Editor

Graph theory and combinatorics are two of the most diverse and prolific fields in mathematics, with elegant theoretical aspects and real-world applications. This Special Issue aims to highlight recent advances in classical and emerging areas in graph theory, including graph coloring and labeling, algebraic and structural graph theory, extremal and distance problems, random graph theory, and topological indices of graphs. We also welcome contributions in combinatorial theory and applications in complex networks. The interdisciplinary papers bridging theoretical aspects of discrete mathematics with various interdisciplinary sciences such as computer science, data analysis, and applied sciences are also encouraged. We warmly invite researchers to submit original articles that advance our understanding of discrete structures and their growing influence across disciplines.

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### Guest Editor

Dr. Kittikorn Nakprasit

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### Deadline for manuscript submissions

31 May 2026



## Mathematics

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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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### Editor-in-Chief

Prof. Dr. Francisco Chiclana  
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