



Special Issue on
Computational and Applied Mathematics
Call for Papers

Computational and Applied Mathematics focuses on the development and application of mathematical methods, models, and computational techniques to solve real-world problems across science, engineering, economics, medicine, and technology. It encompasses areas such as numerical analysis, optimization, mathematical modeling, scientific computing, data analysis, and differential equations. By combining theoretical mathematical foundations with advanced computational tools, the field enables researchers to analyze complex systems, simulate physical phenomena, process large datasets, and support decision-making in diverse practical applications. Its contributions are essential to innovation, technological advancement, and interdisciplinary research.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Computational and Applied Mathematics**. Potential topics include, but are not limited to:

- Numerical analysis
- Mathematical modeling
- Scientific computing
- Optimization theory
- Differential equations
- Computational fluid dynamics
- Computational mechanics
- Applied statistics
- Operations research
- Dynamical systems
- Mathematical physics
- Data science and analytics
- Computational geometry
- Mathematical biology
- Financial mathematics
- High-performance computing

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Computational and Applied Mathematics**” should be selected during your submission.

Special Issue Timetable:

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