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## Special Issue on Computational Mathematics and Its Applications

### Call for Papers

Computational Mathematics and Its Applications focuses on the development and implementation of mathematical methods and computational techniques to address complex problems in science, engineering, technology, and industry. It highlights advances in numerical analysis, algorithm design, mathematical modeling, and high-performance computation that enhance accuracy, efficiency, and predictive capabilities. By bridging theoretical mathematics with real-world applications, this issue showcases innovative computational approaches that support data analysis, simulation, optimization, and decision-making across diverse disciplines.

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

- Approximation theory
- Computational engineering analysis
- Computational fluid dynamics
- Computational geometry
- Computational linear algebra
- Computational statistics
- Data-driven modeling
- Finite element and finite difference methods
- High-performance computation
- Machine learning algorithms
- Mathematical modeling
- Numerical analysis and algorithms
- Numerical optimization
- Scientific computing
- Simulation and visualization
- Stochastic computation

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 Mathematics and Its Applications**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	March 16th, 2026
Publication Date	May 2026

**Guest Editor:**

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