



Special Issue on
Applied Mathematics in Science and Engineering
Call for Papers

Applied Mathematics in Science and Engineering explores the development and application of mathematical theories, models, and computational techniques to solve complex problems across science, engineering, and technology. It encompasses mathematical modeling, numerical analysis, optimization, differential equations, scientific computing, data-driven methods, and simulation, providing powerful tools for analyzing physical, biological, industrial, and environmental systems. The field also integrates emerging technologies such as artificial intelligence, machine learning, computational intelligence, and high-performance computing to address interdisciplinary challenges, improve system performance, support decision-making, and drive innovation in modern scientific and engineering applications.

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

- Mathematical modeling
- Numerical analysis
- Scientific computing
- Differential equations
- Optimization methods
- Computational mathematics
- Operations research
- Probability and statistics
- Dynamical systems
- Mathematical physics
- Control theory
- Data science
- Machine learning
- Computational fluid dynamics
- Engineering mathematics
- Interdisciplinary applications

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 - *Applied Mathematics in Science and Engineering***” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	November 18th, 2026
Publication Date	January 2027

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at am@scirp.org.