



Special Issue on
Applied Mathematical Methods and Analysis

Call for Papers

Applied Mathematical Methods and Analysis focuses on the development and application of mathematical techniques to solve real-world problems across science, engineering, and technology. This field encompasses analytical, numerical, and computational methods, including differential equations, optimization, dynamical systems, and statistical modeling, to analyze complex systems and predict their behavior. By integrating theory with practical applications, applied mathematical methods enable accurate modeling, simulation, and problem-solving in areas such as physics, engineering, finance, and data science. The ultimate goal is to provide robust, efficient, and innovative solutions to challenges in both natural and social systems.

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

- Calculus of variations
- Complex analysis
- Computational mathematics
- Differential equations
- Dynamical systems
- Finite element methods
- Fourier and harmonic analysis
- Functional analysis
- Integral equations
- Mathematical modeling
- Numerical analysis
- Operator theory
- Optimization theory
- Partial differential equations
- Probability and stochastic processes
- Real analysis

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 Mathematical Methods and Analysis***” should be selected during your submission.

Special Issue Timetable:

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