



Special Issue on Mathematical Analysis and Applications

Call for Papers

Mathematical Analysis and Applications is an academic field that studies rigorous methods of calculus, differential equations, functional analysis and related theories, and applies them to solve real-world problems. It focuses on developing analytical tools to model, analyze, and interpret phenomena in science, engineering, economics and other disciplines, bridging abstract mathematical theory with practical applications.

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

- Real numbers and real analysis
- Complex analysis
- Functional analysis
- Numerical analysis and scientific computing
- Harmonic analysis and Fourier analysis
- Combinatorial analysis
- Partial differential equations
- Ordinary differential equations
- Dynamical systems and ergodic theory
- Calculus of variations and optimal control
- Integral equations
- Measure theory
- Topology and analysis
- Geometric analysis
- Approximation theory
- Optimization theory
- Operator theory
- Distribution theory
- Stochastic analysis
- Cauchy problems
- Nonlinear analysis
- Finite element analysis
- Boundary value problems
- Probability theory and mathematical statistics
- Applied mathematical modeling



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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – *Mathematical Analysis and Applications***” should be chosen during your submission.

According to the following timetable:

Submission Deadline	April 15th, 2026
Publication Date	June 2026

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

APM Editorial Office