



Special Issue on
Nonlinear Analysis, Differential Equations and Application
Call for Papers

Nonlinear Analysis, Differential Equations and Applications is a broad mathematical field focused on the theoretical analysis and practical applications of nonlinear differential equations. It covers existence and uniqueness of solutions, stability, bifurcation, dynamical systems, partial differential equations, numerical methods and mathematical modeling. The field applies advanced analytical and computational techniques to study complex nonlinear phenomena arising in physics, engineering, biology, economics and other interdisciplinary areas.

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

- Nonlinear Ordinary Differential Equations
- Nonlinear Partial Differential Equations
- Dynamical Systems and Stability Theory
- Bifurcation Theory and Nonlinear Dynamics
- Existence and Uniqueness of Solutions
- Nonlinear Functional Analysis and Operator Theory
- Numerical Methods for Differential Equations
- Mathematical Modeling of Nonlinear Phenomena
- Variational Methods and Optimization
- Chaos Theory and Complex Dynamics
- Nonlinear Control and Optimization
- Nonlinear Elliptic Equations & Critical Point Theory
- Fractional Differential Equations
- Stochastic nonlinear PDEs
- Nonlinear Analysis in Data Science & Machine Learning
- Applications in Physics, Engineering, Biology and Economics

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 – Nonlinear Analysis, Differential Equations and Application**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	December 4th, 2026
Publication Date	February 2027

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

APM Editorial Office