Special Issue on

Nonlinear Analysis and Differential Equations

Call for Papers

Nonlinear Analysis and Differential Equations is an academic field that focuses on the study of mathematical models describing dynamical systems and phenomena where the relationships and behaviors are not linear. It involves the investigation of nonlinear equations and their solutions, examining stability and bifurcations, and identifying qualitative properties of solutions. This area of research plays a crucial role in understanding and predicting complex physical, biological, and engineering processes, aiding in the development of efficient numerical methods and mathematical tools for analysis and applications.

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

- Qualitative behaviors and analysis
- Variational and topological methods
- Bifurcation theory
- Stability theory
- Nonlinear functional analysis
- Ordinary and partial differential equations
- Nonlinear dynamical systems
- Stochastic differential equations
- Nonlinear control theory
- Optimal control
- Complex dynamics
- Nonlinear optimization
- Numerical methods
- Applications in scientific and engineering disciplines

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 and Differential Equations***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	February 23rd, 2024
Publication Date	April 2024

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

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