

## Special Issue on Partial Differential Equations and

## Applications

### Call for Papers

Partial differential equations are equations that contain the partial derivative of an unknown function. The models of multidimensional systems are often established by partial differential equations. Partial differential equations are a hot research topic and have been used to describe a variety of physical phenomena such as sound, heat, diffusion, electrostatics, electrodynamics, fluid dynamics, elasticity, gravity and quantum mechanics. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Partial Differential Equations and Applications**.

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

- Mathematical physics
- Numerical analysis
- Ordinary differential equations
- Numerical method in partial differential equations
- Special functions and special type of partial differential equations
- Integral and integral differential equations
- Functional differential equations
- Boundary value problems

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 - Partial Differential Equations and Applications**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	May 12th, 2021
Publication Date	July 2021

**Guest Editor:**



For further questions or inquiries, please contact Editorial Assistant at [am@scirp.org](mailto:am@scirp.org).