



## Special Issue on Simulations and Modeling in Computational Mathematics

### Call for Papers

Mathematical modeling and computer simulation are nowadays widely used tools to predict the behavior of biological research problems. To illustrate the idea, we consider nonlocal effects and long range diffusion mathematical biology model. 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 this area of **simulations and Modeling in Computational Mathematics**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Simulations and Modeling in Computational Mathematics**. In this special issue, potential topics include, but are not limited to:

- The foundations of systems modelling
- Numerical analysis and the development of algorithms for simulation
- Simulation and scientific computation
- Simulation Software for Computational Modeling and simulation
- Numerical solution of differential equation and its application
- Optimization and control theory and its numerical calculation
- Numerical algebra and numerical software
- Mathematical models and computer simulations

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 – Simulations and Modeling in Computational Mathematics**” should be selected during your Submission.

Special Issue timetable:

Submission Deadline	June 29th, 2022
Publication Date	August 2022

**Guest Editor:**

For further questions or inquiries



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