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# Special Issue on Mathematical Modelling and Prediction in Infectious Disease Epidemiology

## Call for Papers

Mathematical analysis and modelling is an important part of infectious disease epidemiology. Application of mathematical models to disease surveillance data can be used to address both scientific hypotheses and disease-control policy questions. 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 **mathematical modelling and prediction in infectious disease epidemiology**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **mathematical modelling and prediction in infectious disease epidemiology**. In this special issue, potential topics include, but are not limited to:

- Infectious disease epidemiology: theory and practice
- Types of epidemic models
- Reproduction number
- Endemic steady state
- Compartmental models in epidemiology
- Infectious disease dynamics
- Mathematics of mass vaccination

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 - *Mathematical Modelling and Prediction in Infectious Disease Epidemiology***" should be selected during your submission.

Special Issue timetable:

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| Submission Deadline | May 30th 2021 |
| Publication Date | July 2021 |

**Guest Editor:**

For further questions or inquiries

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