



Special Issue on Mathematical Biology

Call for Papers

Mathematical Biology is an interdisciplinary scientific research field with a range of applications in biology, biotechnology, and medicine. It includes at least four major subfields: biological mathematical modeling, complex systems biology, bioinformatics and biocomputing. Mathematical biology aims at the mathematical representation, treatment and modeling of biological processes, using a variety of applied mathematical techniques and tools. Mathematics has both theoretical and practical applications in biological, biomedical and biotechnology research. As an indispensable fundamental in research subjects, **mathematical biology** is of great attractions to researchers.

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

- Ecology and evolutionary biology
- Population biology
- Population dynamics
- Complex systems biology
- Bioinformatics for diseases
- Malthusian growth model
- Mathematical epidemiology
- Biomedical image processing, visualization and image reconstruction algorithms
- Statistics methods applied in biology
- Mathematical theory applied in biology

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly note that the “**Special Issue**” under your manuscript title should be specified and the research field “**Special Issue - *Mathematical Biology***” should be selected during your submission.

Also please note the following timetable:

Submission Deadline	September 25th, 2014
Publication Date	November 2014



Guest Editor:

For further questions or inquiries
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