Call for Manuscripts

Journal: *Mathematics in Applied Sciences and Engineering (Math. Appl. Sci. Eng.)*

Thematic Issue: *Mathematical Biology and Applied Evolutionary Equations*

Thematic Issue Editors:

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Deadline for manuscript submission: April 30, 2020

Thematic Issue Information:

Development of models with evolutionary equations, especially various differential and difference equations, is rapidly advancing with tremendous applications in natural and life sciences, including mathematical biology. Current pace of the fast progress in the discovery of novel theoretical, numerical and computational techniques for analyzing such model equations has pushed the fields of applied mathematics a way ahead, leaving so many open questions to current and future applied mathematicians. In addition, the increased availability of various real-life data from laboratory experiments and survey studies pose interesting questions, offering opportunities for further development of advanced evolutionary models and advanced methods for their analysis and computations.

The aim of this Thematic Issue is to highlight some of the latest research trends in evolutionary equations and their applications in natural and life sciences. We invite articles focused on various aspects of evolutionary equations including but not limited to: the development of new models, the applications of existing models to a new field (or problem), the development of related theories, and the development of related numerical (or computational) methods.

Submission Information:

- Manuscript should be prepared following the guidelines listed under "For Authors" on the journal's website: https://ojs.lib.uwo.ca/index.php/mase/information/authors

- Manuscripts should be submitted through the journal's website: https://ojs.lib.uwo.ca/mase

- Select the theme "Mathematical Biology and Applied Evolutionary Equations" while submitting.

- Submitted manuscripts should not have been published in other journals, nor should they be under consideration for publication elsewhere.

- All manuscripts will be peer reviewed, and accepted papers will be published on the journal website as soon as they are accepted. There is **no Article Processing Charge** for this journal, and all manuscripts will be **Open Access**.