Call for Papers

Journal of Computational and Applied Mathematics (JCAM)

Special Issue Title: *New Trends in Mathematical Models and Methods for Real-world Applications*

Web site: *https://www.journals.elsevier.com/journal-of-computational-and-applied-mathematics*

Summary
This special issue aims to present new trends in describing and analyzing new computational techniques for solving scientific or engineering problems. Note that papers dealing with pure numerical methods or which contain only the application of well-established methods will not be accepted.

The topics of the special issue include, but are not limited to:

- New analytical and numerical methods for differential equations
- Fractional calculus and its applications non-linear life science
- Optimal control of nonlinear systems
- Dynamical systems and chaos
- Biomathematical modelling
- Modelling and optimization
- Applied probability and statistics
- Complex networks problems
- Population dynamics and conservation biology

Devoted to selected papers from the ICAME'21, the special issue will also be open to high-quality invited papers. The tentative plan on the important dates is as follows:

Submission System Opens: December 15, 2021
Paper Submission Deadline: March 15, 2022
Final Decision: October 31, 2022

The papers should be prepared conforming to the Author Guidelines of *Journal of Computational and Applied Mathematics (JCAM)* and carry the basic standards of the journal. When submitting your manuscript please select the article type "VSI: ICAME-21". Submitted papers must be original and should not have been previously published nor be currently under consideration for publication elsewhere. All submissions will go through a rigorous peer-reviewing process based on the high-standard of *Journal of Computational and Applied Mathematics (JCAM).*

Guest Editors:

Fatih Tank *- Faculty of Applied Sciences, Ankara University, Turkey, tank@ankara.edu.tr*

Necati Ozdemir *- Department of Mathematics, Balikesir University, Turkey, nozdemir@balikesir.edu.tr*