



Fractional Mathematical Modelling: Theory, Methods and Applications

Guest Editors:

Dr. Faranak Rabiei

Department of Mathematics,
Texas A & M University Kingsville,
700 University Blvd, Kingsville, TX
78363, USA

Dr. Dongwook Kim

Department of Mathematics,
Texas A & M University Kingsville,
700 University Blvd, Kingsville, TX
78363, USA

Dr. Zeeshan Ali

School of Engineering, Monash
University Malaysia, Selangor
47500, Malaysia

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Dear Colleagues,

The tools of fractional calculus serve as a new resource that is applicable in fields, including physics, fluid mechanics, hydrology, material science, signal processing, engineering, chemistry, biology, medicine, finance, and social sciences. This Special Issue aims to highlight the recent advancements in fractional calculus theory, innovative methodologies, and potential applications. We specifically invite authors to submit high-quality research that delves into the analysis of fractional differential/integral equations, the exploration of new definitions for fractional derivatives, the development of numerical methods to solve fractional equations, and the examination of applications in physical systems governed by fractional differential equations. The scope extends to include various other captivating research topics as well.

Dr. Faranak Rabiei
Dr. Dongwook Kim
Dr. Zeeshan Ali
Guest Editors

