Special Issue

Fractal Analysis and Its Applications in Geophysical Science

Message from the Guest Editors

In this Special Issue, "Fractal Analysis and Its Applications in Geophysical Science", we would like to solicit your innovative ideas and work regarding the investigation and application of fractal dimensions in geophysical science in the form of original articles. In addition, your study could focus on any aspect of geophysical science, such as geophysical material properties, numerical analysis, experimental and theoretical verifications, etc. The purpose of this Special Issue is to promote the deeper and wider investigation and application of the fractal theory in fields of geophysical science. The submitted manuscripts will be peer reviewed, and those accepted will be published in the open access journal Fractal and Fractional. The topics to be considered in this Special Issue include, but are not limited to, the following:

- Earth science;
- Geotechnical engineering;
- Engineering geology;
- Microstructures of rock and soil;
- Granular aggregate properties;
- Modelling of cracking behavior;
- Continuum mechanics and numerical analysis;
- Experimental and theoretical study.

Guest Editors

Dr. Mei Yin

Prof. Dr. Mengxi Zhang

Prof. Dr. Yi Rui

Deadline for manuscript submissions

closed (15 January 2024)

Fractal and Fractional

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About the Journal

Message from the Editor-in-Chief

Fractal and Fractional (*Fractal Fract.*) is a scholarly online journal which provides a forum for discussion on new original models and methods in fractals and fractional calculus both from theory and applications. It is a peer-reviewed, open access journal that publishes high quality original research articles, review papers and short communications.

Editor-in-Chief

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Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:
JCR - Q1 (Mathematics, Interdisciplinary Applications) / CiteScore - Q1 (Analysis)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

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