

Special Issue

Applications of Fractal Analysis in Structural Geology

Message from the Guest Editors

Fractal theory has revolutionized geological structure analysis by providing a robust framework for quantifying complex patterns across spatial scales. This interdisciplinary approach enables the systematic characterization of self-similar features in rock pore structures, fracture networks, tectonic deformations, and sedimentary architectures, from micron-scale rock fabrics to basin-scale structural systems. The integration of fractal geometry with advanced geospatial technologies offers promising capabilities for deciphering Earth's nonlinear processes.

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Deadline for manuscript submissions

30 June 2026



Fractal and Fractional

an Open Access Journal
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Impact Factor 3.3
CiteScore 6.0



mdpi.com/si/249769

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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.

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