

Special Issue

Fractals in the Built Environment: Applications of Fractal Theory to Design and Building

Message from the Guest Editors

Since Benoit Mandelbrot first used architectural examples to explain fractals, fractal theory has contributed to the design, development, construction, analysis, and understanding of the built environment. This Special Issue brings together research and analytical applications of fractal theory in buildings, construction, design, engineering, and architecture (recent, historical, or ancient), as well as fractals in the broader urban context, including urban morphology, planning, parks, landscapes, and green space. This issue invites papers that use *fractal dimensions* to measure and understand the built environment along with applications of research into *fractal geometry*, for example, fractally generated design, *or other applications or combinations of fractal theory*. To be accepted to this issue, however, papers must state in the methodology (or other appropriate place) which application of fractal theory is used and be clear about perspective, purpose, precedents, and limitations of your approach.

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Deadline for manuscript submissions

closed (5 March 2022)



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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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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).