fractal and fractional

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

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Deadline for manuscript submissions:
closed (5 March 2022)

Message from the Guest Editors

Dear Colleagues,

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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Prof. Dr. Michael J Ostwald
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