



Special Issue on Fractal Theory and Applications

Call for Papers

In mathematics, fractal is used to describe complex geometric shapes containing detailed structure at arbitrarily small scales. It commonly has “fractional dimension” and can describe many irregularly shaped objects or spatially nonuniform phenomena in nature such as coastlines and mountain ranges. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of Fractal Theory and Applications.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Fractal Theory and Applications**. Potential topics include, but are not limited to:

- Cellular automata and fractal evolution
- Common techniques for generating fractals
- Fractal antennas
- Fractal art and mathematics
- Fractal in soil mechanics
- Fractal landscape
- Fractal transistor
- Fractal generating software
- Fractals in cell biology
- Fractography and fracture mechanics
- Geometric shape
- Multifractals
- Natural fractals and dimensions
- Natural phenomena with fractal features
- Random fractals and the stock market
- Simulated fractals

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Fractal Theory and Applications**” should be selected during your submission.

Special Issue Timetable:



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|---------------------|-------------------|
| Submission Deadline | August 15th, 2022 |
| Publication Date | October 2022 |

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at am@scirp.org.