Special Issue

Fractals in Geosciences: Theory and Applications

Message from the Guest Editors

Fractals are gaining an increasing interest in various fields of the Geosciences, and are receiving a large number of applications in each field. This Special Issue aims to collect scientific research connected to this topic, and thus to highlight the contribution of fractals in earth sciences. Moreover, it will be of interest to involve a broader range of audiences from various scientific communities, being mindful of their potential merits to stimulate more original applications. The Issue will cover the following applications and other relevant topics:

- Well logging;
- Oil/gas reservoir characterization;
- Geostatistics;
- Analysis of geomagnetic activity;
- Hydrology and hydrogeology;
- Signal and image processing analysis of geosciences data;
- Topographical modeling;
- Probabilistic and statistical analysis in Geosciences

Guest Editors

Dr. Orietta Nicolis

Facultad de Ingenieria, Universidad Andres Bello, Viña del, Mar 2520000, Chile

Dr. Said Gaci

Department of Geology, Geophysics & Reservoir, Algerian Institute of Petroleum (IAP), Sonatrach, Boumerdes 35000, Algeria

Deadline for manuscript submissions

closed (31 December 2021)

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

Prof. Dr. Carlo Cattani
Engineering School (DEIM), University of Tuscia, Largo dell'Università, 01100 Viterbo, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).