



Geostatistical Applications in Petroleum Geology

Guest Editor:

Prof. Tomislav Malvić

Department of Geology and
Geological Engineering, Faculty
of Mining, Geology and
Petroleum Engineering,
University of Zagreb, Zagreb,
Croatia

Deadline for manuscript
submissions:

closed (15 September 2018)

Message from the Guest Editor

The Special Issue of *Geosciences* is to attract and publish high-quality contributions, which would cover all aspects of geostatistics and its applications in petroleum geology and similar fields, also giving new insights in particular applications and theoretical advancements in the field. We will kindly welcome all such manuscripts with an emphasis on:

- Application of geostatistics in the early exploration phase of hydrocarbon reservoirs (or cases with “small” number of input data);
- Application in the late exploration or development phase of hydrocarbon reservoirs (or cases with “large” number of input data);
- Subsurface geological mapping of hydrocarbon reservoirs and other structures;
- Variogram analysis, interpretation advice, “tips and tricks”;
- Improvements and advanced applications of the Kriging techniques;
- Simulations, both conditional and unconditional;
- Geostatistics in geosciences connected with petroleum geology;
- Simultaneously using of neural tools, descriptive statistics and geostatistics in reservoir geology and geomathematics in general.





Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [GeoRef](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Geosciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/geosciences
geosciences@mdpi.com
[X@Geosciences_OA](#)