

Special Issue

Genesis of Hydrocarbons in the Upper Mantle

Message from the Guest Editor

This Special Issue aims at bringing all relevant studies together. We welcome experimental and theoretical studies that provide insights into the formation of hydrocarbons at extreme pressures and temperatures and furnish petrological, geochemical, and mineralogical evidence for the participation of deep, abiotic hydrocarbons in the global crust and mantle processes. The keywords are:

- Hydrocarbons
- Volatiles
- Mantle
- Subduction
- Redox conditions

Guest Editor

Dr. Alexander G. Sokol

V.S. Sobolev Institute of Geology and Mineralogy of the Siberian Branch, Russian Academy of Sciences, 630090 Novosibirsk, Russia

Deadline for manuscript submissions

closed (29 February 2020)



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Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,
Germany

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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).