Special Issue

Geology and Petrology of Ophiolites

Message from the Guest Editor

Ophiolites represent fragments of the upper mantle and oceanic crust that were incorporated into continental margins during continent-continent and arc-continent collisions, ridge-trench interactions, and/or subductionaccretion events. Ophiolite units (peridotite, gabbro. subvolcanic, and volcanic complexes) have varying internal structures, geochemical affinities, and age ranges, and can become tectonically juxtaposed in collision zones. They originally formed in different geodynamic settings, including continental margins, mid-ocean ridges, and suprasubduction zones. Incorporated into subduction-accretion complexes of active margins and later into orogenic belts, ophiolites may be highly dismembered, may have diverse lithological assemblages, metamorphic grades, styles of deformation, and geochemical affinities. [...]. This Special Issue accepts original research and reviews related to the geology, geochemistry, mineralogy, and ore potential of various types of ophiolites in orogenic belts of various ages.

Guest Editor

Dr. Eugene Sklyarov

Siberian Branch of the Russian Academy of Sciences, Institute of the Earth's Crust, 128 Lermontov st., 664033 Irkutsk, Russia

Deadline for manuscript submissions

closed (11 September 2020)



Minerals

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.4



mdpi.com/si/32538

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

mdpi.com/journal/ minerals





Minerals

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.4



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.

Fditor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

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 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

