Special Issue

Linking Metamorphism with Orogenesis

Message from the Guest Editors

Orogenesis is a complex concept that refers not only to mountain building but also to the formation of continental crust and major orogenic structures. Regional metamorphic rocks, which occupy the orogenic core, and hence, are the most important element of an orogen, contain information that may be used to determine the tectonothermal evolution of the crust in orogenic systems. Through observations of modern active convergent plate margins and comparisons with ancient analogues, two types of orogenesis have been suggested: the oceanic subduction-related accretionary type and the continent–continent collision type. This special Issue aims to contribute to existing knowledge of the links between metamorphism and different types of orogenesis, and to decipher tectonothermal evolution from subduction–accretion to collision in the continental orogenic belt.

Guest Editors

Dr. Jianxin Zhang

Institute of Geology, Chinese Academy of Geological Sciences, Beijing 100037, China

Dr. Shengyao Yu

Key Lab of Submarine Geosciences and Prospecting Techniques, MOE, Institute for Advanced Ocean Study, College of Marine Geosciences, Ocean University of China, Qingdao 266100, China

Deadline for manuscript submissions

closed (28 July 2023)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/153757

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

mdpi.com/journal/minerals

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

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).

MDPI