

Special Issue

Global and Regional Tectonics: Insights from Sedimentary Records and Geochemistry, 2nd Edition

Message from the Guest Editors

Sedimentary rocks cover about three-quarters of the continents on the Earth's crust and hold the singular advantage that they contain a vertically stacked and relatively undeformed record of erosion, sedimentation, and tectonic environments. Therefore, the characterization of sedimentary rocks and minerals as well as their chemistry and isotopes constitutes a key approach to studies of tectonic processes and tectonic environmental reconstructions.

In this Special Issue, we would like to focus on recent advances in the applications towards global and regional tectonic reconstructions that are based on the use of composition, chemistry, and isotopes of sedimentary rocks and minerals. In addition, this issue would like to collect new ideas regarding methodologies and provide reviews of recent developments. Moreover, case studies of tectonics in specific regions using sedimentary data are also of interest.

Guest Editors

Prof. Dr. Kai-Jun Zhang

College of Earth and Planetary Sciences, University of Chinese Academy of Sciences, Beijing 100049, China

Prof. Dr. Xianchun Tang

Sinoprobe Center, Chinese Academy of Geological Sciences, Beijing 100037, China

Deadline for manuscript submissions

closed (30 September 2025)



Minerals

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.4



mdpi.com/si/203662

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

[mdpi.com/journal/
minerals](https://mdpi.com/journal/minerals)





Minerals

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.4



[mdpi.com/journal/
minerals](https://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), GEOBASE, 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 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).