Special Issue

Iron-Oxide-Apatite Deposits and Fe Skarn Deposits: Genesis, Similarities, and Differences

Message from the Guest Editors

Iron-oxide-apatite and Fe skarn deposits are both very important for their iron resources. They have many features in common, such as magma hydrothermally derived fluids and geological settings. However, they have different wall rocks, a factor which could result in a significant difference in mineral assemblages and ore-forming processes. To advance the genetic understanding of these two types of Fe deposits, we have established this Special Issue, entitled “Iron-Oxide-Apatite and Fe Skarn Deposits: Genesis, Similarities, and Differences”. Contributions should focus on deposit geology, ore-forming process, mineralogy, geochemistry, and the linkage between IOA and Fe skarn deposits. New analytical methods and experimental studies are also welcome.

Guest Editors

Dr. Chao Duan

Ministry of Natural Resources Key Laboratory of Metallogeny and Mineral Assessment, Institute of Mineral Resources, Chinese Academy of Geological Sciences, Beijing 100037, China

Dr. Wei Li

Institute of Earth Sciences, China University of Geosciences, Beijing 100083, China

Deadline for manuscript submissions

closed (28 June 2024)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/164271

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