Special Issue

Genesis and Metallogeny of Non-ferrous and Precious Metal Deposits, 2nd Edition

Message from the Guest Editors

In recent decades, an increasing number of non-ferrous and precious metal deposits have been discovered over all the word. Concurrently, new and advanced analytical techniques in deposit research, such as isotope dating of U-Pb, Ar-Ar, and Re-Os, which has been applied to ore minerals, in-suit trace element and isotope compositions analysis, etc., are being utilized in this area. New theoretic viewpoints on ore genesis, mineralization mechanism, and metallogenetic regularities have been proposed and proven. This Special Issue will mainly focus on, but is not limited to, properties and ore genesis, ore-controlling tectonic-magmatic events, geochronology and tectonic setting, regional metallogeny, and metallogenic models of newly discovered, important, and well-known non-ferrous and precious metal deposits. It is also interesting on new research techniques which have been well applied in deposit research. Besides theoretical work, this Special Issue will also pay close attention to new discoveries and ore-exploration achievements regarding non-ferrous and precious metal deposits.

Guest Editors

Prof. Dr. Yunsheng Ren

1. College of Earth Sciences, Jilin University, Changchun 130061, China
2. Institute of Disaster Prevention, Sanhe 065201, China

Dr. Qun Yang

College of Earth Sciences, Jilin University, Changchun 130061, China

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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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