Metallogenic Regularity and Metallographic Prediction of Strategic Deposits

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Message from the Guest Editors

In recent years, due to the rapid development of new energy sources, new materials and emerging industries, the demand for strategic metals has increased sharply. The metallogenic regularity of these strategic metals has become a frequently investigated topic in research due to the increasing investment of prospecting. This Special Issue aims to introduce the latest advances in metallogenic regularity and prospecting prediction of these strategic metals, including deposit geology, mineralogy, mineralization-related petrology, geochemistry, geochronology and metallogenesis, so as to help summarize the spatial–temporal distribution of strategic metal deposits worldwide and further search for areas with metallogenic potential.

This Special Issue focuses on the following topics related to strategic metals (such as W, Sn Li, Be, Nb, Ta, Co, Ni, Cu and Au): (1) the geological background, occurrence, and metallogenesis of strategic deposits; (2) the mineralogical, geochemical, and geochronological characteristics of strategic deposits; and (3) summaries of metallogenic regularity and prospecting potential evaluation of different types of strategic deposits.

Special Issue

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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.

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