Special Issue

The Formation and Evolution of Gold Deposits in China

Message from the Guest Editors

With the discovery of many large and super-large-load gold deposits in China over the last 20 years, the country's annual gold production has increased significantly from approximately 180 t in 1999 to 370 t in 2021, becoming one of the biggest gold producers in the world. The common genetic types of Chinese gold deposits are varied, including epithermal, porphyry, skarn, Carlin, and orogenic deposits. Although intensive investigations and/or studies have been conducted on these deposits, the mechanisms controlling the formation and distribution of some types of deposits and giant metallogenic belts still remain controversial. For this Special Issue of *Minerals*, we invite contributions that integrate advances in the characterization, genesis, and exploration of various gold deposits from major gold provinces in China. This Special Issue seeks to enrich our knowledge of the formation and evolution of lode gold deposits in China.

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Deadline for manuscript submissions

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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.

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