

Special Issue

The Formation of Sulfide Ores in PGE-Cu-Ni Deposits

Message from the Guest Editor

PGE-Cu-Ni deposits are natural result of mantle magmatism. Despite numerous studies in this area, the identification of the mechanisms of accumulation of ore substance, as well the processes of segregation, penetration, and crystallization of sulfide melts and the formation of Cu-Ni deposits are still relevant. The development of new research methods and the improvement of the experimental base allow us to identify new aspects of the conditions for the segregation of sulfide liquid, enrichment of it with chalcophilic elements, and mechanisms of ore localization and fractional crystallization. This Special Issue will cover a wide range of topics related to the problems of geology, tectonics, petrology, geochemistry, and mineralogy of sulfide deposits.

Guest Editor

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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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