Special Issue

Mineralogical, Geochemical, and Isotope for Igneous Intrusions and Metamorphic Rocks of Siberian Craton

Message from the Guest Editor

The Siberian Craton is one of the main structures of North Asia and the Eurasian Plate. The formation of its basement has a long history in the Archean and Paleoproterozoic. During the Mesoproterozoic, most of the Siberian Craton, with the exception of the Aldan and Anabar shields, was overlapped by marine sediments, and tectonic activity at the margins began in the late Neoproterozoic and continued in the Paleozoic and Mesozoic with the formation of accretion and collision orogens. This Special Issue will cover a broad range of topics related to the problem of the formation of magmatic and metamorphic complexes of the Siberian Craton at different stages of its evolution. For this Special Issue, we invite researchers to present new petrological, mineralogical and geochemical data related to the formation of the basement of the Siberian Craton and the orogenic belts at its margins.

Guest Editor

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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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