Special Issue

Genesis of Calc-Alkaline Granitic Rocks: Evidence from Petrology and Geochemistry

Message from the Guest Editors

The planned Special Issue aims to attract research contributions on the topic of calc-alkaline granitic rocks, with special emphasis on their post-collisional origin, including a wide variety of igneous rocks in terms of their origin and genesis. Magmatism is often associated with a change in tectonic regime from compression to extension, which makes it yet more complex. Topics that are often a subject of debate are: The mantle and/or crustal origin of magma; The influence (if any) of syn-emplacement and syn-cooling tectonic processes on the final geochemical signature of the igneous suit; Magma emplacement during within-plate settings, and the geodynamic controls of magmatism in extensional episodes; The origin of accompanying mafic magmas, and the method of their mixing/mingling; The age of the magma emplacement; Thermobarometry, etc. We invite you to share experiences, field research findings, and indicators obtained with conventional and modern geochemical analytical methods, with the aim to strengthen our knowledge on the origin and genesis of post-collisional calc-alkaline granitic rocks.

Guest Editors

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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.

Editor-in-Chief

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