Special Issue

Magma Reservoir Dynamics

Message from the Guest Editor

Igneous processes on Earth produce low-density magmas that form continents, feed ore deposits, and lead to a wide variety of eruption styles of different magnitudes. Better understanding processes that lead to the generation and accumulation of magma bodies remains one of the grand challenges of the earth sciences and requires a multidisciplinary approach that integrates field work, geochemistry, geochronology, experimental petrology, geophysics, and numerical modeling on both volcanic and plutonic lithologies. In this Special Collection, we propose to publish the results of work that include a diverse array of experimental, observational, and theoretical approaches, which will contribute to our understanding of magma reservoir dynamics.

Guest Editor

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Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.
We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

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