Magmatic-Hydrothermal Ore Deposits

Guest Editors:

Assist. Prof. Vasilios Melfos
Aristotle University of Thessaloniki, 541 24 Thessaloniki, Greece
melfosv@geo.auth.gr

Assoc. Prof. Panagiotis Voudouris
National and Kapodistrian University of Athens, 157 84 Athens, Greece
voudouris@geol.uoa.gr

Deadline for manuscript submissions:
closed (30 September 2018)

Message from the Guest Editors

Many factors are important for the formation of the magmatic-hydrothermal deposits, mainly the geotectonic environment, the regional structural control, the petrography and geochemistry of the magmatic and the neighboring rocks, the fluid composition, the hydrothermal alteration, the distribution, shape and size of ore bodies, the ore mineral paragenesis, textures and chemistry, and many others. These factors affect the exploration projects and the mining and metallurgical processes of the companies which invest considerable amount of capital to extract the metals from deep the Earths’ crust. They are based on the knowledge obtained from studies so far, and the models of ore formation, but further research on these types of mineralization are required.

This Special Issue welcomes contributions on original research which presents new data from magmatic-hydrothermal metallic mineral deposit systems, focusing mainly on the formation conditions and the relation with the geotectonic setting. Mineralogy, petrography, geochemistry, isotopic geochemistry, mineral chemistry and fluid inclusions are the most appropriate methods for this approach.

mdpi.com/si/11708
Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias
Instituto de Geociencias, IGEO (CSIC-UCM), C/ Del Doctor Severo Ochoa 7, Edificio Entrepabellones 7 y 8, 28040 Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth’s origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: Indexed in the Emerging Sources Citation Index (ESCI - Web of Science), Scopus and other databases.

CiteScore 2018 (Scopus): 1.82, which equals rank 49/182 (Q2) in the category 'General Earth and Planetary Sciences'.

Contact Us

Geosciences
MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland
Tel: +41 61 683 77 34 Fax: +41 61 302 89 18
mdpi.com/journal/geosciences geosciences@mdpi.com