



Genesis of Porphyry Cu–Mo Deposits: Geochemistry, Mineralogy and Geochronology

Guest Editor:

Prof. Dr. Yong Lai

School of Earth and Space
Sciences, Peking University,
Beijing 100871, China

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Message from the Guest Editor

Dear Colleagues,

Research of porphyry Cu, Mo, Au, and Pb–Zn deposits mainly focuses on tectonic setting, source of ore-forming materials, transportation, magmatic oxygen fugacity, and metal precipitation mechanisms. Porphyry deposits are mainly formed in three tectonic settings: (1) climax type, which is associated with intraplate rifts; (2) Endako type, which is associated with plate subduction; and (3) collision type, which is related to continental collision. Although they are all related to porphyry, the magmatism in different tectonic settings can induce different magmatic–fluid–metal mineralization processes. In the past decade, due to the application of in situ isotope analysis techniques, the characterization of the mineralization process has become more precise and accurate. This Special Issue seeks reviews and summaries on the characterization of the mineralization process.





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Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

Message from the Editor-in-Chief

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Minerals Editorial Office
MDPI, St. Alban-Anlage 66
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