Special Issue

Geochronology Applied to Metallogeny and Deposit Studies

Message from the Guest Editor

It has been frequently and extensively demonstrated that geochronology has the potential to very significantly contribute to metallogeny and deposit studies by precisely placing the deposit formation within a fast evolving geodynamic context and thus helping elucidate the physical and chemical conditions prevailing at that time, ultimately leading to a much improved understanding of the ore-deposition events. This Special Issue aims to gather high-quality original research articles or reviews on the topic of Geochronology Applied to Metallogeny and Deposit Studies. Submissions are invited on geochronology applied to a wide variety of deposit types, from igneous-related to supergene, in a variety of geodynamic contexts, and applying a range of dating techniques (40Ar/39Ar, U/Pb, 207Pb/206Pb, Re/Os, Sm/Nd). Of particular interest are submissions describing innovative analytical techniques, applications, interpretations, or implications. Success stories of dating particularly challenging deposits, such as the very young or containing very low amounts of datable minerals, are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2018)

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Message from the Editor-in-Chief

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

Prof. Dr. John C. Eichelberger
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