



New Environmental, Economic and Social Challenges for Raw Materials Supply: Sustainable Mining and Extractive Waste Exploitation

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Deadline for manuscript
submissions:
closed (31 January 2022)

Message from the Guest Editors

Raw material supply is still guaranteed via ore deposit exploitation, as the recycling of critical elements (e.g., REE, Li) is neither feasible nor economically convenient; consequently, mining activities have increasingly been improving at a global level, and modern and more efficient technologies and mining techniques need to be applied to guarantee a sustainable mining. In the past, mining activity and extractive waste management were approached, mainly considering the environmental hazards and landscape degradation, but currently, the huge volumes of past mineral waste can represent an important source of raw materials. For these reasons, I propose a wide-ranging topic that can be summarized as follows: **“New Environmental, Economic and Social Challenges for Raw Material Supply: Sustainable Mining and Extractive Waste Exploitation”**. This highly interdisciplinary theme can therefore involve a wide scientific audience, from geologists to environmental and management engineers, to economists





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