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Economic, Environmental, and Social Assessments of Raw Materials for a Green and Resilient Economy

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

In recent years, research on criticality and life cycle assessments has provided fundamental insights into the supply risk and environmental consequences of the mining processes of primary metals and minerals. In addition, the first social assessments have been conducted. For a sustainable transformation of our economy, this research has to be expanded in the direction of advanced functional materials, secondary raw materials, and biogenic resources in order to provide comprehensive policy recommendations for a sustainable and climate-resilient economy.

In this Special Issue, we would like to gather articles aimed at economic and/or environmental and/or social assessments in the following fields:

Raw material criticality assessments of metals, minerals, and biomass for future-oriented technologies and/or functional materials;

Assessments of secondary resources in regard to future-oriented technologies and/or functional materials;

Evaluation of case studies, for example on bioplastics or WEEE, in the context of the above-mentioned topics.



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Special Issue



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Message from the Editor-in-Chief

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