Special Issue

Material Stock and Flow Analysis towards Reducing Environmental Impacts and Increasing Resource Efficiency

Message from the Guest Editors

Material flow analysis (MFA) and its more recent counterpart, material stock analysis (MSA), are tools commonly used in the field of industrial ecology for assessing the physical component of our economies. In a time where environmental pressure is reaching new heights and awareness of the limits of resource extraction is growing, MFA and MSA are essential tools to uncover historical material patterns, highlight the processes where improvements are critically possible, and enable the understanding of the efficiency at which resources are extracted and consumed. This Special Issue invites contributions that examine material stock and flows with special attention on efficient resource use at local, national, or global scales. The results should provide insights into how current extraction and use patterns can be improved for a more sustainable, equitable, and resilient future. This Special Issue will also consider compelling contributions related to material flow and stock analysis in general.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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