

Special Issue

Advances in Secondary Metallurgy

Message from the Guest Editors

Metal alloys play a pivotal role in society mainly, due to the unique functionalities they confer to engineered products in several industrial fields. Nowadays, the international community is faced with the challenge of developing more sustainable processes that consume less energy, thus reducing the emissions of CO₂ in the atmosphere. In this regard, eco-friendly metallurgy can be achieved by improvements to the existing processes or by incremental recycling of resources/waste/by-products. Increasing attention is devoted to critical raw materials (CRMs) (e.g., antimony, erbium, europium, silicon, strontium and titanium) due to the high risk associated with their supply. The aim of this Special Issue “Advances in Secondary Metallurgy” is to collect full papers, communications and review articles that highlight the recent achievements in sustainable metallurgy, with a special focus on advanced processes and on the relationship between the microstructural features and mechanical behaviour of metal alloys obtained by secondary products.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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