



## Extractive Metallurgy and Circular Economy: From Metallurgical Waste to New Products

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### Message from the Guest Editors

The metallurgical industry is one of the most impacting human activities in terms of solid, liquid, and gaseous emissions. Metals production involves the extraction of metals ores processed by hydro-, pyro-, or hybrid metallurgical processes, and it is always associated with the generation of an important amount of wastes.

The purpose of this Issue is to collect novel and promising processes to recover valuable elements and compounds from waste products. Pyro-, hydro-, or hybrid metallurgical processes will be well accepted. Preference will be given to papers explaining a feasible process at laboratory scale; a pilot plant; or an existing process, with special regard to the economic aspects of compound extractions and the environmental impact of process residues.

**Keywords:** circular economy; extractive metallurgy; metallurgical residues recovery; secondary raw materials; waste management; slag; dusts; sludges; skims; dross





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## Message from the Editor-in-Chief

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