

CALL FOR PAPERS

Journal of Sustainable Metallurgy

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Journal of Sustainable Metallurgy is a new quarterly journal accepting papers for publication in 2015. The journal is dedicated to presenting metallurgical processes and related research aimed at improving the sustainability of metal-producing industries, with a particular emphasis on materials recovery, reuse, and recycling. Its editorial scope encompasses new techniques, as well as optimization of existing processes, including utilization, treatment, and management of metallurgically generated residues. Articles on non-technical barriers and drivers that can affect sustainability will also be considered.



Potential article topics include but are not limited to the following:

- Process adaptations leading to more efficient metal production
- New materials and end-products, demonstrating a reduced overall environmental footprint
- Conceptual, laboratory, and pilot plan scale process demonstration of more sustainable practices, processes, and materials
- Novel metallurgical systems dealing either with complex raw materials or with new processes/materials, for example, biometallurgy and solvometallurgy
- Enhanced metal and heat recovery from secondary urban and metallurgical streams
- Transformation and utilization of slags and other metallurgical residues like dusts and sludges toward new applications
- Integrated near-zero waste metallurgical processing
- Non-technical drivers that affect the sustainability footprint of metallurgical processes, such as policy, financial incentives, and societal perception

Article types will include review article, research article, short communication, and letter to the editor.

The journal aspires to contribute in advancing the science but also to be a catalyst for tangible change toward more sustainable practices in the metallurgical industrial sector.