

# JOM Call for papers

An official publication of The Minerals, Metals & Materials Society

**Publication Date:** *April 2022*

**Manuscript Deadline:** *November 1, 2021*

## ***Energy Efficiency and Low Carbon Footprint in Metals Processing***

Metal production technologies are carbon and energy intensive, but it can be argued that the bulk of carbon footprint of metal processes comes from energy sources and reductants. In this case, decarbonizing is closely intertwined with energy consumption of processes. This special topic covers energy efficiency in relation to decarbonization of metal production. Manuscripts should address energy efficiency, carbon capture and reducing the carbon footprint of metals processing, as well as life cycle assessment.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:  
<http://www.tms.org/AuthorTools/>

**Keywords for this topic:** **Decarbonization; energy efficient metals production; Environmental Protection; carbon capture**

**Guest Editor(s):** **Joseph Hamuyuni, Fiseha Tesfaye, Chukwunwike Iloeje and Alexandra Anderson:**  
[josephhamuyuni@gmail.com](mailto:josephhamuyuni@gmail.com); [fiseha.tesfaye@abo.fi](mailto:fiseha.tesfaye@abo.fi); [ciloeje@anl.gov](mailto:ciloeje@anl.gov); [allieanderson0@gmail.com](mailto:allieanderson0@gmail.com)

**Committee Sponsor(s):** **Energy; Recycling and Environmental Technologies; Process Technology and Modeling**

If you are interested in submitting a paper, upload your manuscript at  
<https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

**For more information on JOM, please visit [jom.tms.org](http://jom.tms.org)**