

JOM Call for papers

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Aluminum: Eliminating GHG Emissions

Greenhouse gas emissions from the primary production of aluminum must be reduced or eliminated in order to reach climate targets, both from the electrolysis process and the production of the alumina raw material. Progress has been made in the development of inert anode processes in alumina reduction cells, and other alternatives to the Hall Héroult process are being proposed. Also carbon capture with sequestration is being investigated, as well as ways to reduce the carbon footprint of alumina refining. These innovations to reduce carbon emissions bring about some advantages, but also a number of challenges. Authors are invited to submit papers involving methods to decarbonize primary production of aluminum.

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: **Aluminum; Inert Anodes; Carbon Capture Utilization and Sequestration; Climate Change Mitigation**

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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.

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