



The Trends and Development of Mining and Energy under a Changing Climate

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Message from the Guest Editors

Global concerns about climate change have been growing over the last few decades. Greenhouse gas emissions with anthropogenic origins are recognised to be the major driver of these climate change effects. Industrial developments have resulted in increased accumulation of greenhouse gases with well-documented changes in climate conditions. With growing expectations for net-zero emission targets for governments and industry alike, there is pressure on various sectors to improve their carbon footprint reduction strategies. Carbon neutral energy transition will require an expansion in mineral production to sustain green technologies' infrastructure, with growing population and development of smart societies. Therefore, to meet net-zero emission targets, mining activities and energy transition developments must occur strategically to mitigate climate change impacts.

In this special issue, we invite the submission of original research and review articles that address the challenge of mining and energy developments due to climate change implications. Given this special issue's multidisciplinary nature, contributions from a diverse range of research areas are welcome.





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Message from the Editor-in-Chief

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