

## Special Issue

# Applications of Geographic Information Technologies in Sustainable Mining

### Message from the Guest Editors

Sustainability has become a key issue for industries globally, including mining. Mineral excavation benefits economies and at the same time impacts the surrounding environment and society. Geographic information technologies, including data acquisition techniques, data processing methods and analytical methodologies play an increasing role in providing reliable information and prediction models facilitating the minimization of the adverse effects of mining operations. This Special Issue will comprise a selection of papers addressing current and state of the art methods and techniques of remote sensing, as well as spatial analysis and modelling applied to problems associated with the effect of mining on the environment. The purpose of this Special Issue includes the demonstration of new methods and techniques in the processing and interpreting of remote sensing data for the observation and monitoring of mining grounds, including the integration of data from different sources and GIS; the presentation of enhanced and new methodologies for analysis and assessment of the state of areas under the influence of mining and the condition of engineering objects in mining areas.

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### Guest Editors

Prof. Dr. Jan Blachowski  
Prof. Dr. Jörg Benndorf  
Dr. Wojciech Milczarek

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### Deadline for manuscript submissions

closed (30 September 2020)



## Sustainability

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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