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The Use of UAVs in the Raw Material Sector, from Mineral Exploration to Post-Mining Monitoring

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Deadline for manuscript submissions:
closed (30 November 2018)

Message from the Guest Editors

Dear Colleagues,

For this Special Issue, we seek submissions about the design and the evaluation of new and adapted concepts for the use of UAV based multi-sensor observation and monitoring methods. Satellite remote sensing can provide baselines for the required high temporal and spatial resolutions. The methods include geophysical tools, LiDAR as well as hyperspectral sensors covering the visible to thermal-infrared part of the electromagnetic spectrum. The new combined sensor approach should address various purposes, such as, but not limited to:

- Exploration and mineral mapping to secure sustainability in mining

- Monitoring of mining operations to improve efficiency and safety

- Ongoing assessment of mining activities to mitigate environmental impact

- Survey of post mining landscape rehabilitation.

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Guest Editors

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Message from the Editorial Board

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