

Special Issue

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

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2018)



Remote Sensing

an Open Access Journal
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Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/8125

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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