Special Issue

Advances in Remote Sensing Used in Mineral Exploration

Message from the Guest Editors

This Special Issue intends to gather state-of-the-art research and innovations in remote sensing technologies pertinent to the mining industry, encompassing satellite imagery, UAV applications, and hyperspectral imaging. It aims to investigate how these technologies can bolster mineral exploration, optimize mining processes, and support environmental monitoring. By emphasizing both theoretical developments and practical implementations, this issue will enrich the journal's scope by promoting interdisciplinary collaboration and inspiring innovative strategies to tackle the challenges encountered by the mining industry. Submissions should embody original research or thorough reviews that advance this dynamic field. Prospective authors are invited to contribute articles on a broad spectrum of topics, including, but not limited to, the following:

- Innovative techniques for mineral detection;
- Environmental monitoring through optical spectroscopy;
- Geospatial data fusion;
- Real-world applications of remote sensing in the mining sector;
- Development and validation of remote sensing algorithms;
- Challenges and future directions for remote sensing in the mining industry.

Guest Editors

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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