remote sensing

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Synergy of Remote Sensing and Deep Learning for Mineral Resources and Environment

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Deadline for manuscript submissions:
closed (15 May 2023)

Message from the Guest Editors

Remote sensing has played a crucial role in resource assessment and environmental monitoring since several decades ago by providing multi- and hyperspectral images, and it has been always challenging to process remote sensing data. However, there has been good progress in developing machine learning methods to facilitate processing and interpreting remote sensing data since the last decade. This special issue is focused on the challenges and recent advancements of deep learning in remote sensing, particularly its applications in resource assessment and environmental monitoring.

The manuscript submissions are encouraged from a broad range of related topics, which may include but are not limited to the following:

- Mineral exploration
- Mineral prospectivity mapping
- Alteration mapping
- Lithological mapping
- Mine tailings
- Acid mine drainage
- Erosion
- Soil and water contamination
- Air pollution

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Editor-in-Chief

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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.

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