# Special Issue

# Advanced Artificial Intelligence Algorithm for the Analysis of Remote Sensing Images II

## Message from the Guest Editors

In this Special Issue, we intend to compile a series of papers that merge the analysis and use of remote sensing images with AI techniques. We expect that new research will address practical problems in remote sensing image applications with the help of advanced AI methods. Articles may address, but are not limited to, the following topics:

- Advanced AI architectures for image classification;
- Advanced AI-based target detection/recognition/tracking;
- Change detection/semantic segmentation for remote sensing;
- Multi-senor data fusion/multi-modal data analysis;
- Image super-resolution/restoration for remote sensing;
- Unsupervised/weakly supervised learning for image processing;
- Advanced AI techniques for remote sensing applications;
- Clustering (including classic and more advanced tools, such as subspace clustering, clustering ensemble, etc.);
- Spectral unmixing, adopting either linear or non-linear models, using Bayesian or non-Bayesian approaches for parameter estimation;
- Dimensionality reduction;
- Data transformations.

## Guest Editors


Prof. Dr. Gangyao Kuang

Dr. Siqian Zhang

Dr. Xin Su

Dr. Olga Sykioti


## Deadline for manuscript submissions

closed (1 February 2024)


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## Message from the Editorial Board

*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.

## Editors-in-Chief

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