

## Special Issue

# Applications of Machine Learning Algorithms in Remote Sensing

### Message from the Guest Editors

Review and research papers on cutting-edge CNN and vision transformer-based methods for deep learning, architectures, and structures for applications in remote sensing will be published in this Special Issue, with an emphasis on tasks that address the problems in the field:

Shallow and deep learning remote sensing image interpretation and analysis (image classification, pan-sharpening, image enhancement, object detection, semantic segmentation, and change detection)'

Graph, adversarial, unsupervised, semi-supervised, self-supervised, active, and transfer learning for dealing with limited and/or low-quality data;

Knowledge acquisition of deep learning models for remote sensing imagery;

Novel benchmark datasets for remote sensing image analysis;

Applications of vision transformers (ViTs) in remote sensing.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 March 2025)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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