Advances in Hyperspectral Remote Sensing: Methods and Applications

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Message from the Guest Editors

By combining imaging and spectroscopy in a system, hyperspectral images always have complex high-dimensional data structures, leading to the difficulty in processing and analyzing hyperspectral images with high efficiency. Although numerous efforts have been devoted to addressing special hyperspectral remote sensing tasks, complex datasets in real applications and difficult real-world tasks still put forward urgent requirements of advanced hyperspectral remote sensing methods.

This Special Issue aims to gather high-level contributions related to advances in hyperspectral remote sensing. Both original research articles with innovative ideas and review articles discussing the state of the art are welcomed. Specific topics of interest include, but are not limited to, the following:

Hyperspectral image; image super-resolution, image fusion, and image segmentation; image quality assessment; classification, clustering, and object detection; deep learning technique in hyperspectral image processing; registration and feature selection; model-based approaches and tensor decomposition; change detection and compression; surveys of recent progress; application of hyperspectral remote sensing.

Special Issue

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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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