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Feature Extraction and Data Classification in Hyperspectral Imaging II

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Message from the Guest Editors

Hyperspectral remote sensing is currently a fast-moving area of not only research but also industrial development, where captured hyperspectral cubes provide abundant information with great potential in many different applications. In this Special Issue, we aim to compile state-of-the-art research on how to tackle the “big data” problem of extracting the most useful information out of the hyperspectral paradigm for remote sensing applications. This Special Issue (Volume 2) is open to any researcher working on hyperspectral remote sensing data mining and data classification. Specific topics include (but are not limited to) the following: Denoising and enhancement; Band selection and data reduction; Supervised and unsupervised feature extraction and feature selection; Compressive sensing and optimised data acquisition; Spatial–spectral data fusion; Spectral unmixing and super-resolution; Deep learning approaches for data mining and data classification; Visualisation of the data and features; Fast implementation of the algorithms using a GPU, etc.; Emerging new datasets and applications.

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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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