Special Issue

Recent Advances in Hyperspectral Image Processing

Message from the Guest Editors

Over the past decades, hyperspectral imagery (HSI) has paved a way to observe and analyze various ground cover materials with abundant spectral information from hundreds or thousands of spectral bands. The rich spectral information provided by HSI makes it possible to distinguish various surface materials because every material has its own reflectance spectra characteristics, thus allowing for the application of HSI in many fields, including agriculture, forestry, environmental monitoring, geology, mineralogy, military, and medical imaging. Hyperspectral image processing techniques are developing rapidly in the current remote sensing community. Particularly, the development of computer technology and calculation technique, such as artificial intelligence, deep learning, and weakly supervised learning, has expanded and enhanced the application direction and scope of hyperspectral image processing in recent years. However, several challenges and open problems are still waiting for efficient solutions and novel methodologies. The main goal of this special issue is to address advanced topics related to hyperspectral image processing.

Guest Editors

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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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