

Special Issue

Research and Application of Robust Hyperspectral Image

Message from the Guest Editors

Multispectral/hyperspectral images contain both the spatial and spectral information of a scene. It can also take advantage of the spatial relationships between different spectra in a neighborhood, allowing more elaborate spectral-spatial models for more accurate segmentation and classification of the image. At present, hyperspectral image technology has found important applications in many fields such as military reconnaissance, smart agriculture, geological survey, food safety, industrial sorting, and bio-medicine. To promote the in-depth development of related technologies and applications in the hyperspectral image field, this Special Issue will provide a forum for new research on robust hyperspectral image processing technologies. Considering the scarcity of hyperspectral data set resources, the large redundancy of hyperspectral image information, and the absence of robust data processing methods, it is likely that hyperspectral image processing technology will gain more popularity. Thus, related techniques are also welcome in this Special Issue.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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