

Special Issue

Advances in Optical Remote Sensing Image Processing and Applications

Message from the Guest Editors

Global observations from satellite remote sensing span multiple decades and also multiple spectral ranges (visible, near-infrared, thermal, etc.), spawning many potential remote sensing image processing technologies and applications. Particularly, in recent years, hyperspectral images and multisource data have provided new insight and capabilities for observing urban/natural environments, monitoring climate change, and investigating human behavior. In this Special Issue, we invite papers involving one or more of the following topical areas, focusing on imaging technology, data analysis, and practical application of optical remote sensing: Remote sensing imaging spectroscopy and systems; Data analysis (land-use classification, pan-sharpening, multitemporal data fusion, change detection, anomaly detection, etc.); Optical remote sensing applications (road/building/river detection, wildland fire detection, forest environmental monitoring, climate observation, real-time processing, low-power computer vision, etc.); Deep learning methods covering one or more of these topics; Review articles covering one or more of these topics.

Guest Editors

Prof. Dr. Nicolas H. Younan

Prof. Dr. Qian Du

Prof. Dr. Weiyong Xie

Deadline for manuscript submissions

closed (31 March 2022)



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Message from the Editorial Board

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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