# **Special Issue**

# New Image Processing Theories and Methods in Hyperspectral Remote Sensing

### Message from the Guest Editors

Hyperspectral remote sensing has witnessed significant advancements in recent decades. With the rapid development of hyperspectral remote sensing imaging techniques, many new hyperspectral remote sensing image processing theories and methods have been proposed. Moreover, rapid advances in hyperspectral remote sensing image processing methods have also promoted the application of associated algorithms and techniques to problems in many related fields, such as denoising, unmixing, classification, change detection, target detection, multi-modal data processing etc.

This Special Issue is addressed to all researchers and professionals working in the field of hyperspectral remote sensing and expects original contributions that describe novelties and innovations in any of the hyperspectral image processing stages. Papers showing progress in multispectral, ultraspectral, or other types of remote sensing images are also welcome.

#### **Guest Editors**

Dr. Yuxiang Zhang

Dr. Meng Xu

Dr. Yulei Wang

Dr. Mingming Xu

#### Deadline for manuscript submissions

20 August 2025



an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/207770

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing





an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



## About the Journal

### 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 peerreview 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.

#### Editor-in-Chief

#### Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

#### **Author Benefits**

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

#### **Journal Rank:**

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

