Special Issue

Applications of Hyperspectral Thermal Infrared Data in Land Surface

Message from the Guest Editors

Hyperspectral thermal infrared data contain rich long-wave spectral information, which can precisely reflect the unique diagnostic characteristics of the thermal infrared spectrum. Also, the hyperspectral characteristics can provide more reasonable assumptions and constraints for the ill-posed inversion of the key thermal infrared characteristic parameters. Therefore, the hyperspectral thermal infrared remote sensing has important research value and application prospects. This Special Issue aims to demonstrate recent efforts in and contributions to the applications of hyperspectral thermal infrared data in land surface, including but not limited to:

- Advances and pre-research in hyperspectral thermal infrared remote sensing sensors;
- Approaches to dealing with hyperspectral thermal infrared remote sensing data;
- Studies for target detection and identification, as well as resources and environment monitoring using hyperspectral thermal infrared remote sensing; Methodologies for multi-source data integration or fusion;
- Scientifical reports of hyperspectral thermal infrared campaigns, including calibration and validation.

Guest Editors

Dr. Hua Wu

Dr. Bo-Hui Tang

Dr. Sibo Duan

Dr. Yonggang Qian

Deadline for manuscript submissions

closed (15 October 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/114325

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

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 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.

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)