

Special Issue

Calibration/Validation of Hyperspectral Imagery

Message from the Guest Editors

As recognized experts in the field, we would like to invite you to contribute to a Special Issue on the calibration and validation of hyperspectral imagery. Much progress has been made recently in developing advanced hyperspectral sensors that offer rich imagery to aid our understanding of complex environments—thorough calibration is the fundamental cornerstone of producing this high quality data. The issue will cover pre-launch calibration and post-launch validation of hyperspectral imagers on space-based, aircraft-based, and unmanned aircraft systems. We hope this issue will serve as a valuable resource highlighting recent advances in the field. The issue will cover a broad range of areas of the calibration and validation of space-based, aircraft-based, or unmanned aircraft-based hyperspectral sensors used in remote sensing. These topics include but are not limited to the following:

- Pre-launch calibration—radiometric, spectral, spatial
- Post-launch vicarious validation field campaigns
- Hyperspectral imagery artefact identification and mitigation
- Cross-comparison of hyperspectral imagers with other satellite sensors

Guest Editors

Dr. Aaron Pearlman

GeoThinkTank LLC / NASA Goddard Space Flight Center Biospheric Sciences Lab

Dr. Shihyan Lee

SAIC / NASA Ocean Biological Processing Group

Deadline for manuscript submissions

closed (26 June 2020)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.6



mdpi.com/si/19040

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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)