

Special Issue

The Quality of Remote Sensing Optical Images from Acquisition to Users

Message from the Guest Editor

This special issue takes an overall view on the workflow from the acquisition to the users. It welcomes contributions having the focus on the quality of the optical remote sensing data and includes, without being limited to, the following subjects: *Lossy and lossless compression with focus on multispectral and hyperspectral data. *Instrument characterization, data correction and validation of up-to-date optical sensors. Advanced methodologies for atmospheric correction. *Advanced methodologies for atmospheric correction. *Geometric correction and co-registration for data acquired by innovative platform also including UAV. *Advanced restoration methodologies based on blind and model-based approaches. *Up-to-date denoising techniques based on specific noise modelling. *Pansharpening and data fusion for multispectral and hyperspectral data.

Guest Editor

Dr. Massimo Selva

Institute of Applied Physics "Nello Carrara", National Research Council, Via Madonna del Piano, 10, 50019 Sesto Fiorentino, FI, Italy

Deadline for manuscript submissions

closed (31 October 2020)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 9.4



mdpi.com/si/21199

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 4.1
CiteScore 9.4



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



About the Journal

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)