



Machine Vision and Advanced Image Processing in Remote Sensing II

Guest Editors:

Prof. Dr. Liang-Jian Deng

School of Mathematical Sciences,
University of Electronic Science
and Technology of China,
Chengdu 611731, China

Prof. Dr. Gemine Vivone

Institute of Methodologies for
Environmental Analysis, CNR-
IMAA, Tito Scalo, 85050 Tito, Italy

Prof. Dr. Danfeng Hong

Aerospace Information Research
Institute, Chinese Academy of
Sciences, Beijing 10094, China

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Dear Colleagues,

With sensor technology development, we could acquire more remote sensing images from the sensors installed on satellites, aircraft, etc. By these acquired remote sensing data, people can observe the objects clearly and discover the ground's underlying materials, which opens a new window for us to understand the world. In particular, machine vision and image processing in remote sensing recently have become a hot topic. We believe this trend will continue expectantly in the future; thus, the advancement of excellent approaches and techniques for machine vision and image processing in remote sensing plays a more critical role. In this Special Issue, we intend to collect several papers scoping at the area of machine vision and advanced image processing in remote sensing. By this Special Issue, we hope to promote machine vision and image processing on several remote sensing tasks, e.g., fusion, restoration, classification, unmixing, detection, segmentation, etc. For the methodology, there are no limitations if your approach could effectively deal with the mentioned tasks.

Prof. Dr. Liang-Jian Deng

Prof. Dr. Gemine Vivone

Prof. Dr. Danfeng Hong

Guest Editors





an Open Access Journal by MDPI

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

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.

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*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)