

Special Issue

Remote Sensing Image Processing

Message from the Guest Editors

Despite the ever-increasing performance of modern acquisition equipment and algorithms for processing raw remote sensing data, there are still some glitches and problems to deal with in the image data domain. In particular, atmospheric effects can be a difficult problem due to their variability and nonuniformity, even in different parts of a given image. Other image-quality issues are related to image resolution depending on the level of detail of the acquired scene: in particular, super-resolution and data fusion are still open problems. The applications of remote-sensing imagery in the fields of environmental characterization, land consumption, and disaster management are extremely important and have a high potential for further development. The proposed Special Issue is dedicated to providing an up-to-date panorama of recent advances in these fields, taking into account the computational and energy consumption requirements of the proposed solutions. In this way, the reader will establish a link between the methods, the processing techniques, and the corresponding application domain.

Guest Editors

Prof. Giovanni Ramponi
Prof. Dr. Raffaella Cefalo
Prof. Dr. Žiga Kokalj

Deadline for manuscript submissions

closed (31 October 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/106293

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).