Editorial

Journal of Remote Sensing: A Platform to Promote International High-Quality Research and Innovation

Yirong Wu,[1] Liangyun Liu [ID],[1] Xiaofeng Li,[2] Jean-Philippe Gastellu-Etchegorry,[3] and Jun Yan[1]

[1]*Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100094, China*
[2]*Institute of Oceanology, Chinese Academy of Sciences, Qingdao, Shandong 266071, China*
[3]*Paul Sabatier University-Toulouse III, CESBIO, 18 Avenue Edouard Belin, 31055 Toulouse Cdx, France*

Correspondence should be addressed to Liangyun Liu; liuly@aircas.ac.cn

Remote sensing (RS) is a fast-growing emerging interdisciplinary field focused on observing our planet and living environment. The number of publications in this field increases dramatically from about 921 documents in 1999 to 8,242 documents in 2019 according to the records in the Science Citation Index Expanded (SCI-EXPANDED) database. While there are many journals publishing new developments in RS, the space is still limited to cover the thousands of exciting articles each year to document the advancement in both RS science and technology. This journal, supported by the Science Partner Journal program, with editorial board members composed of internationally renowned scientists, is aimed at providing a new space to publish high-quality, online-only papers on RS theory, science, techniques, and applications that are related to the Earth systems. More importantly, unlike many RS journals where financial profit is also one of the main goals, this journal is solely focused on the communication and distribution of knowledge in RS. Articles are free to publish through June 2023 and will always be free to read for everyone. Authors are also strongly encouraged to deposit the data that supports their research in a trusted repository that supports the FAIR principles. We will strive hard to best serve the RS community.

This journal is an online-only open access Science Partner Journal, published in affiliation with the Aerospace Information Research Institute, Chinese Academy of Sciences (AIR-CAS), and distributed by the American Association for the Advancement of Science (AAAS).

This journal focuses on the theory, science, and technology of remote sensing, as well as interdisciplinary research with earth science and information science. It publishes original research articles, review articles, editorials, and perspectives.

Topics of particular interest include, but are not limited to, the following:

(1) Radiative transfer modelling

(2) Biogeoscience remote sensing

(3) Land cover and land use

(4) Agriculture, forestry, and range

(5) Atmospheric science and meteorology

(6) Ocean and inland water remote sensing

(7) Snow, ice, and glaciers

(8) Remote sensing of energy, water, and biogeochemistry cycles

(9) Natural hazards/disasters and environment sciences

(10) Image processing, data fusion, data mining, and data assimilation

(11) Advanced remote sensing techniques and spectral-radiometric measurements

(12) Interdisciplinary research in artificial intelligence and big data

This journal will provide a powerful platform to promote international high-quality research and innovation within the remote sensing field of study. The ultimate goal is for the journal to become a leading publication for the earth observation community. Your contribution is very valuable to forge the journal as a top journal in the remote sensing field. We kindly invite you to support the new journal by submitting your best papers and actively participating in the journal review processes. The best articles and the enthusiastic reviewers will be identified and rewarded annually.

Conflicts of Interest

The authors declare that there are no conflicts of interest regarding the publication of this article.

Yirong Wu
Liangyun Liu
Xiaofeng Li
Jean-Philippe Gastellu-Etchegorry
Jun Yan