

Special Issue

Radiative Transfer Modelling in Remote Sensing Applications

Message from the Guest Editors

This Special Issue will collect original manuscripts on innovative research using state-of-the-art radiative transfer modelling in remote sensing applications. Articles on atmospheric correction, atmospheric parameters retrieval (e.g., aerosols), vegetation or water biophysical parameters retrievals are of particular interest but other relevant papers are welcome. The potential topics of this Special Issue include, but are not limited to the following: Radiative transfer code validation in the context of specific remote sensing applications Radiative transfer modelling and practical applications to remote sensing Radiative transfer modelling in atmosphere application in remote sensing Radiative transfer modelling for atmospheric correction in remote sensing Radiative transfer modelling for remote sensing biophysical parameters retrieval (vegetation/water)

Guest Editors

Dr. Eric Vermote

NASA Goddard Space Flight Center, Greenbelt, MD 20771, USA

Dr. Jean-Claude Roger

Department of Geographical Sciences, University of Maryland, College Park, MD 20740, USA

Deadline for manuscript submissions

closed (31 March 2021)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.6



mdpi.com/si/48769

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)