



Radiative Transfer Modelling in Remote Sensing Applications

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)

Message from the Guest Editors

Dear Colleagues,

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)





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, Grosspeteranlage 5
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)