

Special Issue

Remote Sensing Observations of the Giant Planets

Message from the Guest Editors

General interest in giant planets has increased in recent years with current, recent, and (potential) future missions, and above all because these planets provide nearby examples of the ever-growing number of exoplanets. With the potential to soon be able to characterize a large number of exoplanets, it is becoming ever so important to understand the make-up and evolution of the planets in our own Solar System. With recent advances in remote sensing techniques using premier telescopes, state-of-the-art instruments, and unique remote sensing capabilities from recent missions, we focus in this Special Issue of Remote Sensing on observations of giant planets across the electromagnetic spectrum. Together, these data paint a picture of the giant planets from their interiors up to their outermost atmospheric layers. Review contributions are welcomed, as well as papers describing new observations and analyses.

Guest Editors

Dr. Imke de Pater

Department of Astronomy and Department of Earth and Planetary Science, University of California, Berkeley, CA 94720, USA

Dr. Yamila Miguel

1. SRON Netherlands Institute for Space Research, Sorbonnelaan 2, NL-3584 CA Utrecht, The Netherlands
2. Leiden Observatory, University of Leiden, Niels Bohrweg 2, 2333CA Leiden, The Netherlands

Deadline for manuscript submissions

closed (31 October 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/89540

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 4.1
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)