

Special Issue

Land Surface Global Monitoring from PROBA-V to Sentinel-3

Message from the Guest Editors

With its launch in 2013, PROBA-V has ensured the continuity of the SPOT/VGT mission providing daily global observations of Earth land ecosystems. Now, the continuity is relying on the Sentinel-3 mission though the transition phase will last until March 2020, to allow for a rigorous cross-sensors verification and validation. The Copernicus Global Land Service (CGLS) is committed in ensuring seamless near-real time provision of the relevant biophysical variables during this transition phase. However, this poses significant scientific and practical challenges, owing to the diversity of the relevant sensors. In order to address these challenges a number of research projects are currently running to ensure continuity and consistency of this long-term dataset. The following topics are welcome:

- Mission status, algorithm, and data quality for PROBA-V and Sentinel-3
- Cal/Val and cross-calibration activities between PROBA-V and Sentinel-3
- Approaches for adapting land products' algorithms from PROBA-V to Sentinel-3
- Advances in retrieval and validation of terrestrial ECVs time series
- Applications of CGLS variables for monitoring, modeling and forecasting land surface state.

Guest Editors

Dr. Fabrizio Niro

Serco for European Space Agency (ESA), ESA-ESRIN, Largo Galileo Galilei 1, 00044 Frascati, Italy

Dr. Roselyne Lacaze

Earth Observation Department, HYGEOS, 59000 Lille, France

Deadline for manuscript submissions

closed (31 December 2021)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/24402

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)