

Special Issue

Land Surface Phenology

Message from the Guest Editors

Land surface phenology (LSP) refers to the type of products that seek to quantify and summarize the dynamics of the vegetated land surface at temporal scales from annual to seasonal. Over the last decade, there has been significant advances in data availability, image analysis and processing techniques that resulted in accurate characterization of LSP, from local to global scales. LSP information from satellites is a key variable to demonstrate the response of terrestrial ecosystem to climatic and anthropogenic changes. Moreover, LSP information is increasingly used to distinguish vegetation type and measure crop productivity. The recent launch of new satellite sensors, such as the Sentinel series, can provide the opportunity for improved characterization of LSP and may develop applications that were not possible with available datasets. Despite this, its validation with ground measurements is still challenging due to miss-match in both spatial and temporal scales between the two measurements, distribution of ground measurements and spatial heterogeneity of vegetation types in a satellite sensor pixel.

Dr. Victor Rodriguez-Galiano

Guest Editors

Prof. Dr. Jadu Dash

Dr. Matthew Jones

Dr. Victor F. F. Rodriguez-Galiano

Deadline for manuscript submissions

closed (30 September 2019)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/10242

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)