

Special Issue

Remote Sensing of Vegetation Fluorescence and Photosynthetic Efficiency

Message from the Guest Editor

This Special Issue will review the state of the art in the retrieval and exploitation of vegetation fluorescence, and the derivation of actual photosynthetic efficiency of vegetation by means of the synergistic integration of vegetation fluorescence with other related measurements about vegetation status, conditions and functioning. Articles in the following topics are invited for this Special Issue:

- Multiple methods for the retrieval of vegetation fluorescence
- Field methods to measure vegetation fluorescence emission
- Retrieval methods based on solar Fraunhofer lines, atmospheric terrestrial absorption lines
- Statistical retrieval methods based on spectral decomposition
- Modeling fluorescence emission at leaf, canopy and ecosystem levels

Guest Editor

Prof. Dr. Jose Moreno

Laboratory for Earth Observation, Image Processing Laboratory,
Department of Earth Physics and Thermodynamics, Faculty of Physics,
University of Valencia, Scientific Park, 46980 Valencia, Spain

Deadline for manuscript submissions

closed (30 April 2017)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/7445

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)