

## Special Issue

# OPTIMISE: Innovative Optical Tools for Proximal Sensing of Ecophysiological Processes

### Message from the Guest Editors

In this Special Issue, papers are welcome that address the following:

- Progress made in remote sensing of sun-induced fluorescence (SIF) studies, considering, e.g., fluorescence and reflectance data acquisition protocols, state-of-the-art and performance of instrumentation, retrieval methods, and modelling applications
- Best practice procedures for UAV spectral sampling
- Research developments in UAV platforms and optical sensors, able to provide unprecedented opportunities for high spatial, spectral and multi-angular near-ground Earth observations
- Multi-scale observations adopting empirical and modelling methods to monitor ecosystem functioning and biogeochemical cycles
- Smart on-line platforms and spectral information systems to assign quality flags, process and analyze optical data along with biophysical and water/carbon flux state variables, to enable data to be shared with other scientific communities and networks.

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### Guest Editors

Dr. Loris Vescovo

Dr. MaPi Cendrero-Mateo

Dr. Yves Goulas

Dr. Helge Aasen

Dr. Alasdair MacArthur

Dr. Javier Pacheco-Labrador

et al.

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### Deadline for manuscript submissions

closed (28 February 2019)



## Remote Sensing

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CiteScore 8.3



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## 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.

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### 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

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