



OPTIMISE: Innovative Optical Tools for Proximal Sensing of Ecophysiological Processes

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Deadline for manuscript
submissions:

closed (28 February 2019)

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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Message from the Editor-in-Chief

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