



Recent Progress on Best Practice Protocols for Vegetation-Oriented Sensors Characterization, Calibration and Validation

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is linked to the COST Action "Optical synergies for spatiotemporal SENSing of Scalable ECOphysiological traits" (SENSECO) WG4 activities, and its purpose is to collect all procedures that could assist in preparation of achieving "FRM4FLEX"-like status for products of the local, regional and global vegetation photosynthetic activity. Any works on topics including, but not limited to the following, are welcome:

- Novel vegetation-oriented spectroradiometer development and improvement, including their calibration and characterization
- Best practice for traceable laboratory characterization, calibration and validation of optical sensors used in field measurements for vegetation photosynthetic activity monitoring
- Comparisons including calibration sources, laboratory and in situ-based vegetation sensors measurements
- SI traceability and end-to-end uncertainty budgets—from calibration to field measurements
- Methods showing how data from multiple sensors can be combined to provide a correct overview of vegetation photosynthetic activity at local, regional or global scale

Special Issue



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Message from the Editor-in-Chief

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