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Remote Sensing of Vegetation Function and Traits

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Deadline for manuscript submissions:

closed (25 March 2024)

Message from the Guest Editors

This Special Issue, entitled “Remote Sensing Vegetation Function and Traits”, encourages the submission of novel techniques/approaches for retrieving and estimating vegetation function and traits at various spatial scales (e.g., leaf level, canopy, stand, landscape, and regional) and temporal scales, using any form of remote sensing data (proximal, airborne, and satellite), across various ecosystems and vegetation types.

Original research or review articles on one or more of the following topics are welcome:

- Remote sensing of vegetation function and traits (e.g., photosynthesis, primary production, LAI/ N, EWT, LMA): Techniques, evaluations and future missions;
- Very-high-resolution remote sensing of vegetation function and traits (e.g., Worldview, GeoEye, high-resolution airborne lidar, etc.): Techniques and evaluations;
- Application of new sensors/algorithms to pigments and morphological and physiological traits;
- Remote sensing of crop health and stress through vegetation function and traits;
- Comparison and evaluation of different remote sensing methods (statistical, physical and hybrid models);



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Special Issue



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Message from the Editorial Board

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