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Optimizing the Usages of High-Spatial Resolution Remote Sensing Data: From Precision Resources Inventory to Operational Forestry

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Message from the Guest Editors

Dear Colleagues,

High-spatial resolution remote sensing embraces a broad range of data, including airborne, mobile, and terrestrial laser scanning, aerial imagery, UAV, SAR, and aerial/terrestrial spectroscopy, which, in turn, entail development and adoption of appropriate methodological approaches. All in all, the bundle of those data and methods, together with relevant sampling designs and field surveys for small-scale domains, form the framework for so-called “precision forestry”. Nevertheless, the majority of practical applications and monitoring programs entail medium- to large-scale information, mostly on levels of sample plot, parcel or other management units on regular repetition rates. In the context of remote sensing, this would mean shifting, but not necessarily downgrading, from smaller, but high-precision domain to more generalized spatial domains while not notably compensating information accuracy.

In this Special Issue, we will pursue these and other related issues by hosting contributions presenting state-of-the-art data and methods with a special focus on the applications of remotely-sensed methods in precision and operational forestry.



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Special Issue



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Message from the Editor-in-Chief

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