Special Issue

Optical Data for Assessing Carbon Dynamics and Biodiversity of Forests

Message from the Guest Editor

Forests play a crucial role in sustainable development, ensuring human well-being, a healthy environment, and economic development. Forests produce a large set of ecosystem services which potentially support a green economy, climate change mitigation, biodiversity conservation, and enhancing water quality and combating desertification. This Special Issue of *Remote Sensing* is intended to examine the state-of-art in more recent advancements in optical remote sensing (alone or in combination with other sensors) for assessing spatial and temporal dynamics of carbon stocks and sequestration, as well as biodiversity trends in forest ecosystems. We are focused on contributions based on the integration between remotely sensed and field data for estimating forest variables or for feeding ecosystem modeling, as well as for advancements in forest mapping issues. Applications must be based on innovative approaches and rigorous statistical methods and should be based, as far as possible, on large datasets. A theme of special interest is the analysis of temporal dynamics.

Guest Editor

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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.

Editor-in-Chief

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