

Special Issue

Assessing Primary Ecosystem Productivity Using Satellite and Drone Data

Message from the Guest Editors

Primary ecosystem productivity is of major importance, comprising all processes affecting the function of photosynthetic organisms and their relations to biotic and abiotic environmental factors. Productivity monitoring has been enhanced during recent decades by the advances of remote sensing through satellite and—more recently—drone data. Several products with different spatial, temporal, and spectral resolutions are now available and may be used for productivity assessment through simple or complicated modelling approaches, including machine learning, artificial intelligence, and neural networks. This Special Issue welcomes contributions focusing on current and future perspectives in ecosystem productivity monitoring with satellite and drone data. Revealing their functional responses may enhance our understanding from a biological perspective, help identify potential threats in the food and natural materials chains, propose viable solutions for ecosystem sustainability, and further clarify their role as important components of the climate system on local and global scales.

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About the Journal

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.

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