Special Issue

Applications of Remote Sensing for Terrestrial Ecosystem Biochemical Responses to Climate Change and Drought

Message from the Guest Editors

Remotely sensed indicators can provide an effective way to obtain real-time conditions of ecosystems and offer a range of spatial and temporal observations on changes in ecosystem structure, function, and services. Remote-sensing indicators differ in their sensitivity to changes in photosynthetic status. However, no consensus has been reached regarding the most suitable indicators for quantifying and modeling the effect of climate change and its extremes on terrestrial carbon and water balance.

This Special Issue is open to contributions such as review papers and focus papers presenting strategies, methodologies, or approaches leading to the assimilation of remote sensing products from different platforms (e.g., in situ spectroradiometers, UAV, satellites), whether reflected in the optical range or emitted as fluorescence, far-infrared, or microwave radiation, as well as techniques based on different assimilation of remote sensing and in-situ measurements in ecological models. Data and in situ measuring methods for product validation purposes are also welcome.

Guest Editors

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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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