Special Issue

Remote Sensing of Vegetation Dynamics and Resilience

Message from the Guest Editors

Over the last four decades, continuous monitoring of vegetation from space has allowed a deeper understanding of the links between the observed major global changes in vegetation dynamics and climate. The recent availability of reliable remote sensing data has progressively strengthened its role in environmental studies, in particular in those related to climate extremes. In our days, the response of land vegetation to extreme events is still a challenging subject, as growth and CO2 uptake by plants are constrained to a large extent by droughts and heatwaves. Special attention has been devoted to long-term, large-scale studies aiming to assess the impact of atmospheric circulation variability on surface climate and related vegetation activity. Global and regional patterns of teleconnections have pointed to explain land ecosystems processes even better than single climate variables. This Special Issue intends to be a useful and valuable demonstration of the added value of using remote sensing for vegetation dynamics studies worldwide, and a mean of stimulating multidisciplinary collaborations for land ecosystems dynamics understanding.

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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.

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