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New Methods and Applications in Remote Sensing of Tropical Forests

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Deadline for manuscript submissions:
31 August 2024

Message from the Guest Editors

Dear Colleagues,

Tropical forests encompass less than one-fifth of the Earth's surface; however, they are critical to global climate regulation and biodiversity conservation. Remote sensing (RS) plays a critical role in helping humanity to understand tropical forest's structure and functioning, ecosystem services, and how they have been affected by human and climate drivers. From RS observations, we can prospect the future of these ecosystems and support policies on their use, conservation, restoration, and climate mitigation and adaptation.

For this Special Issue, we welcome papers covering all kinds of advancements in remote sensing of tropical forests throughout the world. We expect local to global applications using data from well-established or new-generation sensors from any platform. Papers on data fusion and cross-sensor calibration to enhance and scale forest information are very welcome. New workflows and algorithms, such as those leveraging deep learning models, cloud computing, open development and availability, are preferred. The submission of papers that continue to advance the state-of-the-art remote sensing of tropical forests is appreciated.

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Editor-in-Chief

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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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