Special Issue

Analyzing the Influence of Environmental Change on Water and Terrestrial Vegetation Using Satellite Data

Message from the Guest Editors

Examining the influence of environmental changes on water and terrestrial vegetation through the utilization of satellite data requires extensive scientific studies, which leverage satellite-derived variables such as vegetation greenness, water dynamics, and associated indicators to understand the complex interplaying factors between shifts in the environment and the dynamics of terrestrial vegetation. The studies under this topic have far-reaching implications for various fields, including ecology, conservation, and resource management, as they can provide a comprehensive understanding of how environmental change interacts with terrestrial vegetation. Therefore, this Special Issue cordially invites submissions of innovative research related to the following research topics: vegetation and forest drought monitoring, land use change and its implication, impacts of climate change on vegetation greenness, the application of in situ measurements to validate the vegetation greenness, benefits of best management practices to enhance vegetation greenness, impacts of deforestation and urbanization on local flora and any other drought-related studies.

Guest Editors

Dr. Yared Bayissa

Prof. Dr. Assefa M. Melesse

Prof. Dr. David de Andrade Costa

Deadline for manuscript submissions

closed (20 March 2025)

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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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