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Remote Sensing of Vegetation: Mapping, Trend Analysis, and Drivers of Change

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Deadline for manuscript submissions:
closed (1 March 2024)

Message from the Guest Editors

The forthcoming Special Issue (SI) welcomes all types of manuscripts with an added value of using time-series remote sensing data in all aspects regarding mapping, change detection, trend analysis, and studies of drivers of vegetation change in all ecosystems. The potential topics include but are not limited to:

- Statistical and machine learning algorithms for mapping, monitoring, and trend analysis of the vegetation
- Vegetation mapping (i.e., fraction, species, diversity) in different ecosystems (e.g., terrestrial, aquatic, mountainous, wetlands)
- Seasonal/annual/decadal change detection and trend analysis of vegetation
- Vegetation dynamics and association to carbon storage, desertification, and land degradation
- Vegetation dynamics in urban areas (urban greening or loss)
- Monitoring of extreme vegetation disturbances and post-event recovery
- Retrieving time-series of biophysical parameters for vegetation monitoring
- Response of vegetation dynamics to climatic variables change (temperature, precipitation, etc.)
- Investigating the driving mechanism of vegetation change due to human activities and/or natural phenomena (e.g., climate change, drought)

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Special Issue

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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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