

## Special Issue

# Recent Advances in Terrestrial Vegetation Productivity with Remote Sensing Techniques

### Message from the Guest Editors

Vegetation productivity is an important component of the terrestrial carbon cycle, which not only reflects the productivity of vegetation communities and characterizes the quality of terrestrial ecosystems but also represents a major factor in determining the carbon source–sink of ecosystems and regulating ecological processes. The purpose of this Special Issue was to introduce new data and methods for remote sensing estimation of terrestrial vegetation productivity, the interactive effects of multiple factors on terrestrial vegetation productivity, and the impact of the feedback mechanism of terrestrial vegetation productivity on climate. Potential topics include, but are not limited to:

- New data and models for remote sensing estimation of vegetation productivity.
- Driving factors and spatio-temporal differentiations of vegetation productivity.
- Quantitative effects of climate change and human activities on vegetation productivity.
- Feedback of terrestrial vegetation productivity to climate.
- Applications of vegetation productivity in ecological assessment and sustainable development.

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### Guest Editors

Prof. Dr. Wenquan Zhu

Prof. Dr. Dailiang Peng

Dr. Zhiying Xie

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### Deadline for manuscript submissions

closed (15 September 2023)



## Remote Sensing

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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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