

## Special Issue

# Forest-Climate Interactions in a Changing Environment: Remote Sensing and In Situ Data Analysis

### Message from the Guest Editors

The aim of this Special Issue is to bring together recent studies that focus on providing us with a better understanding of the possible responses of forest ecosystems (species composition, forest functioning, gross and net primary production, evapotranspiration, etc.) to changing environmental conditions and their possible feedbacks to the climate system using integrated approaches based on remote sensing and in situ data.

For this Special Issue, we invite scientists working in atmospheric physics, forest ecology, meteorology, hydrology, or biogeochemistry to contribute new aggregated remote sensing and field studies of forest-atmosphere interactions on different spatial scales (from the ecosystem to the global level). Contributions may include, but are not limited to, the following: remote sensing and in situ data analysis of forest structure, functioning, and damage associated with atmospheric hazards; the response of various forest ecosystems to climate variability; sensitivity of forest ecosystems to extreme weather events; biophysical and biochemical forest feedbacks on atmospheric processes; and spatial and temporal variability of GHG (greenhouse gas).

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### Guest Editors

Prof. Dr. Alexander Olchev

Dr. Elena Novenko

Dr. Natalia Levashova

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### Deadline for manuscript submissions

closed (15 February 2023)



## Remote Sensing

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CiteScore 8.6



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## About the Journal

### 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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