

Special Issue

Monitoring of Status and Disturbances of Bio- and Geodiversity, Their Traits and Interactions Using Remote Sensing

Message from the Guest Editors

This Special Issue is inviting manuscripts on the following topics:

- The monitoring of status, stress or disturbances of biotic-abiotic traits/diversity, and/or their interactions using remote sensing (RS)
- RS sensors on different platforms (close-range, air-, and spaceborne) for monitoring biotic, abiotic trait/diversity, and their interactions
- Approaches to monitoring biotic diversity/traits using RS (phylo-diversity, taxonomic diversity, structural diversity, functional diversity, trait diversity)
- Approaches to monitoring abiotic traits/diversity (geodiversity) using RS
- Use of plants/ the vegetation/ plant communities as sensors or bio-indicators for abiotic status, stress or disturbances.
- Approaches to monitoring changes of abiotic and/or biotic traits that are influenced by humans like land-use intensity, urbanization, and further human drivers
- The monitoring of essential biodiversity variables (EBV) using RS
- The monitoring of essential climate and geo-variables (GEO Essential – GEO EV) using RS
- The monitoring of interactions of EBV/ECV/GEO-Essential using RS

Guest Editors

Dr. Angela Lausch

Prof. Dr. Andrew Skidmore

Prof. Dr. Michael Vohland

Prof. Dr. Natascha Oppelt

Dr. Jan Bumberger

Deadline for manuscript submissions

closed (1 December 2021)



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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.

Editor-in-Chief

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