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

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Deadline for manuscript
submissions:

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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



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Special Issue