Special Issue

Remote Sensing for Biodiversity Mapping and Monitoring

Message from the Guest Editors

This Special Issue aims to publish original research that specifically addresses various aspects of biodiversity mapping and monitoring over space and time using remote sensing from local to global scales. We invite a wide range of contributions from methodological to applied and multidisciplinary research about the following (non-exclusive) topics:

- Taxonomic, structural, and functional diversity mapping from RS data;
- Species distribution modeling based on RS data;
- Retrieving biophysical and biochemical variables from RS data and radiative transfer models;
- Assessing and predicting ecosystem services from RS data;
- Ecosystems health monitoring from RS data;
- Reconstructing ecosystem trajectories over time from RS data;
- Advanced machine learning techniques (deep learning, transfer learning, active learning) for biodiversity mapping based on RS data;
- Fusion of multimodal images (optical/thermal/radar/lidar) to improve biodiversity mapping and monitoring.

Reviews covering one or more topics are welcome.

Guest Editors

Dr. David Sheeren

Dr. Jean-Baptiste Féret

Dr. Laurence Hubert-Moy

Dr. Sophie Fabre

Deadline for manuscript submissions

closed (30 June 2021)

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About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

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