Special Issue

Remote Sensing for Land Use and Vegetation Mapping

Message from the Guest Editors

Long-term remote sensing monitoring of land use and vegetation on a global or regional scale is very important for realizing the sustainable development of national socioeconomics and the natural environment.

Recent evolutions in terms of high spatial and temporal data availability at low or no cost in the remote sensing community also facilitate information extraction on land use and vegetation with advanced computational methods including cloud processing and machine learning (shallow and deep learning) approaches.

We wish to compile state-of-the-art research that specifically addresses various aspects of the land use and vegetation remote sensing: national to global land use and vegetation monitoring, observations of vegetation phenology, spatial pattern and development trend of land use and vegetation, status and management of land use and vegetation, new remote sensing identification technology of land use and vegetation, vegetation distribution and climate change, land use and food security, land use change and urbanization, land use and sustainable development, etc. Contributions in the form of reviews are welcomed, as are papers describing new sensors for measurement.

Guest Editors

Prof. Dr. Xiaobin Jin
Prof. Dr. Giorgos Mallinis
Dr. Bruce D. Chapman

Deadline for manuscript submissions

closed (31 August 2024)

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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.

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