

Special Issue

Remote Sensing for Landscape Dynamics

Message from the Guest Editors

This Special Issue invites high-quality submissions that focus on the remote sensing monitoring and analysis of landscape dynamics, and mainly collects the following three types of research results: First, landscape change detection and process monitoring, including land use/cover change, vegetation succession and degradation recovery, the impact of natural disasters on landscape structure, as well as data acquisition and analysis based on high-resolution remote sensing and unmanned aerial vehicles. Second, landscape pattern analysis and ecological modeling, covering landscape fragmentation, ecological connectivity assessment, evolution of urban-rural transition zones, as well as the integrated application of remote sensing and ecological models. Third, advanced technologies for spatio-temporal analysis and prediction, focusing on multi-temporal and multi-source data fusion, long-term time series analysis, climate change impacts, and the innovative application of machine learning, deep learning, and large language models in landscape dynamics monitoring and modeling.

Guest Editors

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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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