Special Issue

Land Use Monitoring Based on Remote Sensing and Artificial Intelligence

Message from the Guest Editors

Land use has always been a key element for the sustainable development of human society. Understanding the state of land use plays a crucial role in urban and rural planning, environmental protection, resource management, and addressing climate change. By combining remote sensing, crowdsourcing, and AI, we can efficiently obtain land cover information, monitor changes in land use, identify urbanization trends, quantitatively assess the impact of human activities on the environment, and predict future land use trends. This Special Issue will focus on exploring the synergy between advanced sensing technology and AI in the field of land use monitoring and how they collectively drive further advancements in land use monitoring. We look forward to receiving contributions from researchers and practitioners, discussing the latest developments in this interdisciplinary field, and sharing insights on how to better apply these emerging technologies.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2025)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/188735

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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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