Special Issue

AI-Driven Forestry Remote Sensing: Datasets, Models, Analysis and Applications

Message from the Guest Editors

Our Special Issue focuses on the intelligent processing and application of multi-source remote sensing data, deepening the practical boundaries of remote sensing technology in the forestry field. We welcome original research papers. The topics of interest include, but are not limited to, the following:

- AI-driven multi-source remote sensing data fusion and intelligent processing technology.
- Innovation of AI intelligent algorithms and model optimization construction in forestry research.
- AI-empowered forestry key indicator inversion and accurate evaluation methods.
- Intelligent technology for dynamic simulation and trend prediction of forestry systems.
- Intelligent solutions for forest resource management and ecological protection.
- Practice of AI remote sensing technology for urban forestry and living environment assessment.
- Intelligent expression and visualization technology for forestry remote sensing research results.
- Intelligent analysis of the dynamic evolution of forest distribution/structure and ecological response mechanisms under the background of global change.

Guest Editors

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Deadline for manuscript submissions

20 February 2027

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.4

mdpi.com/si/268085

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Message from the Editor-in-Chief

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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