Special Issue

Remote Sensing for Ecohydrology

Message from the Guest Editors

Ecohydrology integrates ecological and hydrological processes to understand the dynamic interactions between ecosystems and the water cycle. Remote sensing technologies, with their ability to capture multi-scale, spatially continuous, and temporally frequent data, have become indispensable for monitoring and analyzing ecohydrological processes across various spatial and temporal scales. This Special Issue of *Remote Sensing* will provide insights into how remote sensing technologies can be effectively utilized to advance ecohydrology research, improve our understanding of how ecosystems interact with hydrological processes in response to natural and anthropogenic drivers, and support the development of solutions for sustainable water and ecosystem management. We invite submissions that explore innovative methods and tools, including multispectral, hyperspectral, thermal, and LiDAR sensors, as well as the use of Unmanned Aerial Vehicles (UAVs) and satellites, to monitor vegetation dynamics, water and sediment fluxes, evapotranspiration, soil moisture, agricultural water management, ecohydrological extremes, and ecosystem–water interactions.

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Deadline for manuscript submissions

30 November 2025

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/220672

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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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