Special Issue

Advancements in Ecohydrology Through Remote Sensing Technologies

Message from the Guest Editors

This Special Issue welcomes original research articles, review papers, and short communications that address any aspect of remote sensing's contribution to ecohydrological studies. Topics of interest include, but are not limited to, the following:

- Satellite-based monitoring of water resources and ecosystems: The exploration of novel satellite sensors and data processing techniques for mapping water bodies, soil moisture, vegetation dynamics, and their interactions.
- Assessment of hydrological changes and their ecological impacts: An analysis of long-term hydrological trends (e.g., changes in river discharge, groundwater levels) and their implications for biodiversity, ecosystem services, and human well-being.
- Ecohydrological modeling using remote sensing data: The integration of remote sensing data into ecohydrological models to improve predictions of water availability, flow patterns, and ecosystem responses to hydrological changes.
- Drought monitoring and warning: The development and validation of drought indices using remote sensing data for the timely assessment of drought severity and its impacts on ecosystems.
- Flood detection and mapping:

Guest Editors

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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.

Editor-in-Chief

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