

Special Issue

Monitoring Ecohydrology with Remote Sensing

Message from the Guest Editors

With technological and data analytical advances, remote sensing data collection and interpretation have significantly evolved, where sensors can directly or indirectly obtain hydrologic and ecologic variables and parameters that cannot be observed by conventional means and can provide long-term, dynamic, and continuous multiple-scale data from drones to satellite imagery. Thus, advancing the use of remote sensing to monitor ecohydrological variables such as evapotranspiration, phenological change, or soil moisture can help inform policy decisions and inform national and international environmental management. This Special Issue aims to investigate the functional relationships between hydrology and ecology at multiple spatial and temporal scales using remote-sensing data to advance the ecohydrological monitoring of terrestrial ecosystems. Manuscripts are encouraged which are related to the following topics:

- Ecosystem energy, water, and nutrient fluxes;
- Water–ecological interactions and watershed hydrological management;
- Vegetation–atmosphere interactions;
- Inundation, vegetation communities, landcover mapping, and change detection.

Guest Editors

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Dr. Sicong Gao

Deadline for manuscript submissions

closed (30 November 2024)



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About the Journal

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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