

## Special Issue

# Advancing Process Representation for Hydrological Modeling Across Spatiotemporal Scales

### Message from the Guest Editors

This Special Issue aims to provide a scientific forum for advancing process representation in hydrological modeling, fostering innovation in methods that bridge local, regional, and global scales, as well as short- and long-term dynamics. We welcome contributions that explore novel modeling frameworks (e.g., physically based, data-driven, stochastic, or hybrid models) and interdisciplinary perspectives to improve our understanding of hydrological systems and their responses to environmental change. By bringing together researchers and stakeholders, this Special Issue seeks to catalyze informed discussions and solutions for sustainable water management.

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### Guest Editors

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### Deadline for manuscript submissions

28 February 2026



## Remote Sensing

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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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### Editor-in-Chief

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