

Special Issue

Advancing Water System with Satellite Observations and Deep Learning

Message from the Guest Editors

This special issue invites contributions that showcase innovative applications, methodological advancements, and case studies demonstrating the impact of integrating satellite observations and deep learning in water resource management. Researchers are encouraged to explore innovative solutions to challenges such as sustainable water use, ecosystem conservation, and resilience to water-related hazards. Through interdisciplinary collaboration and technological innovation, this special issue aims to foster a deeper understanding of water systems dynamics and accelerate the adoption of data-driven strategies for achieving water security and sustainability globally. Submissions will contribute to advancing knowledge at the interface of remote sensing, artificial intelligence, and hydrology, paving the way for more effective policies and practices in managing our precious water resources.

Guest Editors

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Dr. Peng Dou
Prof. Dr. Chunlin Huang

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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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