Special Issue

Remote Sensing of Inland Waters and Their Catchments (2nd Edition)

Message from the Guest Editors

Inland waters and their catchments provide essential resources such as drinking water, agricultural irrigation, and fisheries, while also playing a critical role in climate regulation and biodiversity preservation. However, climate change and growing human activities pose challenges to these aquatic ecosystems, causing water quality deterioration, hydrological regime instability, and a decline in ecological function. This Special Issue aims to explore the latest advancements and applications of remote sensing technology in inland water and watershed studies, with a particular focus on the following areas: applications of novel remote sensing data in water environment monitoring; innovations in water quality parameter retrieval using advanced algorithms such as machine learning, multisource data fusion, and assimilation techniques; remote sensing-based hydrological and ecological process modeling at the watershed scale; and remote sensing-supported water resource management and decision-making. Through this Special Issue, we seek to foster academic exchange and promote application of remote sensing technology in water environment research.

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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