

Special Issue

Application of Remote Sensing in Process Analysis and Lake-Wetland-Watershed Ecosystem

Message from the Guest Editors

In recent decades, remote sensing technology, with the significant development in instruments and data processing methods, has provided a sophisticated tool to understand Earth surface dynamics. The lake-wetland-watershed ecosystem is a complex system with interactions between the water and ecological community, which varies and develops with certain structures and functions through the water cycle. Therefore, water-related parameter monitoring and process-based modeling of this unique system are essential for both ecology protection and watershed management. In this Special Issue, we invite submissions that incorporate studies on remote sensing monitoring and hydrologic or hydrodynamic modeling of lake-wetland-watershed systems to solve newly emerging environmental problems as well as to develop applications of modern monitoring and modeling technologies [...] For further reading, please follow the link to the special issue website at:

https://www.mdpi.com/journal/water/special_issues/Remote_Watershed

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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