Special Issue

Advancing the Monitoring and Modelling of Freshwater Systems with New Remote Sensing Technologies

Message from the Guest Editors

As of the Special Issue “Advancing the Monitoring and Modelling of Freshwater Systems with New Remote Sensing Technologies”, we welcome you to submit an article highlighting new methodologies and techniques in remote sensing for the advancement of monitoring and modelling river, lake and groundwater systems. Technologies may include space-borne, airborne and near-ground remote sensing platforms to aid in a wide range of river and lake monitoring and modelling applications. The scope of these applications can include, to name but a few, aquatic ecology, habitat, water quality, sediment transport, geomorphology, flood forecasting and ice detection and characterization. It is hoped that these papers will also promote the exchange of new ideas and forge new collaborations between researchers, academics, engineers and government officials interfacing in the fields of remote sensing and freshwater systems.

Guest Editors

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Deadline for manuscript submissions

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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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