

Special Issue

Database Integration and Conceptual Frameworks in Hydrological Research

Message from the Guest Editors

Advances in computational tools and high-performance computing have greatly expanded the availability and diversity of hydrological data and models. The management of water resources now draws on satellite climate indicators, field measurements, groundwater and surface water records, as well as agricultural and socio-environmental information. However, challenges like fragmented data, inconsistencies, and a lack of clear integration frameworks limit the effective use of this wealth of information across disciplines and time scales.

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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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