

Special Issue

The Impact of Water Level Changes (Frequency and Amplitude) on Water Quality in Lakes

Message from the Guest Editors

The reality of global changes in climate conditions, particularly global warming, is known worldwide, globally expressed as both dryness and water scarcity in some geographical regions and water luxury accompanied by floods in other parts of the world. Consequently, water scarcity and overwhelming rainfall and river discharge require renovated design approaches to water level management in lakes. The management of water levels in lakes is a key operational factor under the circumstances of climate and, consequently, hydrological changes. Water quality protection and supply constraints are, therefore, crucial. Moreover, aquatic recreation along beaches affected by water level fluctuations, growth rates of submerged and emerged aquatic vegetation and fish reproduction capacities in the shallows are critical for the ecological services attributed to lakes. Limnologists and aquatic scientists are invited to contribute papers in the field of zoological, botanical and hydrological aspects of the impact of water level fluctuations on water quality in lakes.

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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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