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Water Resources Management Strategy Under Global Change

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Message from the Guest Editors

Fresh water in rivers is only 0.01% of the water available on the earth and provides 80% of the water for human beings on earth. The 80 countries in the developing world that support 40% of the world's population suffer, however, from water shortage problems that have become a daily fact of life. Consequently, 1.2 billion people are suffering physically from water shortages and, 1.8 billion lack adequate sanitation. Future predictions suggest that there will be 37 countries in 2025 with a shortage of water for all needs. More shortages are expected, and half of the world's population is expected to live in water stressed areas by 2025. This is mainly due to climate change, population growth rates and development. This Special Issue will address these problems and highlight possible solutions.

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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.

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