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Water Security and Governance in Catchments

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Water scarcity, water pollution, and extreme events are increasing environmental and human health problems that require thorough attention worldwide. Taking the watershed as a representative unit for water management, the topic of water security and governance has become hot in the few past years and is now prominent in the political agenda of many countries. The concerns about water security are usually fourfold: (1) the continuous changing mosaic of water shortage related to the balance between availability and the access and demand for ever more water; (2) flooding (coastal, river, flash or glacier outburst floods), encompassing the causes, development, and impacts of flood events, as well as mitigation and restoration measures; and (3) the human dimensions of water security in relation to conventional (surface water and groundwater) and alternative (wastewater and desalination) sources. The discussion covers the multiple standpoints, such as politics, economics and finance, access,[...]

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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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