

Special Issue

Water Footprint and Life Cycle Assessment: Complementary Strengths in Analyzing Water Use along Supply Chains

Message from the Guest Editors

WF scientists have put the focus on the volumetric analysis of water consumption and pollution, arguing that water is a global resource which is virtually traded worldwide via goods and products. Subsequently, the sustainability of water consumption can be assessed comparing consumption with water availability in a specific basin taking environmental flow requirements into account. Efforts from the LCA community to go beyond volumetric analysis and to assess the resulting local impacts of water consumption and pollution on human health or biodiversity have partly been considered as “meaningless” or even “complete madness”. Vice versa, the LCA community argued that volumetric footprints can be “irrelevant” or even “misleading” as consequences of water consumption strongly depend on local scarcity and other parameters. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Impact_Assessment

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Deadline for manuscript submissions

closed (31 December 2022)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



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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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