

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

Guest Editors:

Dr. Markus Berger

Institute of Environmental
Technology, Technische
Universität Berlin, 10623 Berlin,
Germany

Dr. Winnie Gerbens-Leenes

Integrated Research on Energy,
Environment and Society (IREES,
Groningen, The Netherlands),
University of Groningen, 9747 AG
Groningen, The Netherlands

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

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



[mdpi.com/si/61363](https://www.mdpi.com/si/61363)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la
Biodiversité l'Environnement
(CRBE) UMR
CNRS/UPS/INPT/IRD, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, Toulouse,
France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)