

New Perspectives on Water and Energy Nexus

Guest Editors:

Dr. Winnie Gerbens-Leenes

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

Dr. S.D. Vaca Jimenez

1. Department of Mechanical
Engineering, Escuela Politécnica
Nacional, Quito, Ecuador
2. Integrated Research on Energy,
Environment and Society (IREES),
University of Groningen, 9747 AG
Groningen, The Netherlands

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Water and energy are fundamental, interlinked resources for human societies. Freshwater is a scarce natural resource, often with temporal and spatial limitations for its use. Energy, e.g., electricity or transport fuel, is supplied by different energy sources, some of which need more water than others. The nexus approach introduced at the Bonn conference in 2011 in preparation of the UN Conference on Sustainable Development for the first time showed the importance of relationships between water and energy systems. Since 2011, the amount of scientific nexus papers has increased every year. The nexus provides a framework to identify trade-offs and synergies, using systems thinking to find linkages. To give suggestions for improvement, the research community needs to have access to relevant data and independent studies.

This Special Issue is open to papers that give new perspectives on the Water and Energy Nexus. We welcome, for example, papers that analyze unknown interlinkages between water and energy, [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special_issues/
New_Perspectives_Water_Energy](https://www.mdpi.com/journal/water/special_issues/New_Perspectives_Water_Energy)



[mdpi.com/si/42715](https://www.mdpi.com/si/42715)

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la
Recherche Scientifique (CNRS),
University of Toulouse, campus
ENSAT, Auzeville Tolosane,
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 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
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)