Special Issue

Advances in Tools and Models for Water Energy Food Nexus (WEF) Assessment

Message from the Guest Editor

This Special Issue aims to gather innovative research contributions focused on the interconnections and interactions between water, energy, and food systems. It seeks to explore cutting-edge tools, methodologies, and models that facilitate a comprehensive assessment of the Water Energy Food Nexus (WEF). The primary objective is to address the intricate relationships between these critical resources, considering their mutual dependencies, trade-offs, and synergies. Furthermore, this Special Issue also endeavours to incorporate advanced methodologies for assessing water, carbon, ecological and/or land footprints, etc., thereby providing a holistic understanding of the environmental implications within the WEF nexus. The contributions within this issue will not only enhance theoretical knowledge but also offer practical implications for integrated decision making and resilient resource governance. Ultimately, the collaborative efforts showcased in this Special Issue aim to pave the way for a more interconnected, efficient, and environmentally conscious approach to managing the complex interactions among water, energy, and food systems.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2024)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/182111

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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

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