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Water-Energy-Food Nexus Analysis for Sustainable Resources Management

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Message from the Guest Editors

Food, water, and energy resources are three of the essentials for human life and economic activities. Demand for all three is increasingly driven by global urbanization, changing diets, and sustained poverty alleviation. Meanwhile, there exist multiple, complicated, and close links between the three resources. The emergence of the “nexus” approach to research in the context of water, energy, and food (WEF) implies that our perception of natural resources transfers from single-sector analysis to interdependencies and connections across the three resources. Scholars have focused on the WEF nexus by accounting for economic activities and human life, investigating inextricable linkages between WEF resources by transdisciplinary approaches, and forecasting future demands for WEF resources.

While the importance, framework, and methods used to study the interrelationships between the WEF resources have been proposed and developed, the WEF nexus still requires ongoing research. This Special Issue will provide a platform for presenting the latest research on the WEF nexus and identifying research gaps that might still remain.



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Special Issue



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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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