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Advances in Water–Energy–Carbon–Economy–Health Relationships

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Message from the Guest Editors

This Special Issue brings together manuscripts from different fields of water–energy–carbon–economy–health relationships, with the common aspect of understanding policy and practice optimization to achieve environmental sustainability and human well-being simultaneously. Topics include but are not limited to:

- The role of water resources in energy production;
- Energy consumption pattern impact on water pollution;
- Water issues as drivers of environmental burden and their consequences for human health;
- Economic development strategies that promote sustainable use of water resources;
- The relationship between digital economy and water resources;
- The impact of water resource shortage on energy supply and carbon emission;
- Water–energy–carbon–economy–health coordinated management;
- Water–energy–carbon–economy–health system planning;
- Co-benefits and conflict between water, energy, carbon, economy and health;
- Corporate responsibility and resource sustainable management;
- Costs of water resource consumption or pollution on economy and health;
- Transboundary environmental issue transfer and economic trade.



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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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