

Special Issue

The Future of Water, Energy and Carbon Cycle in a Changing Climate

Message from the Guest Editors

This Special Issue seeks to unravel the complexities of these interconnections, exploring how changes in water availability, energy production, and carbon dynamics contribute to and are influenced by the broader context of climate change. Exploring and advancing research and development initiatives in sustainable energy, water treatment, and CO₂ capture presents a pivotal pathway toward fostering a more sustainable energy future while addressing the challenges of climate change. By strategically investing in innovative technologies, we can drive progress, enhance environmental resilience, and contribute to the global transition towards a cleaner and more sustainable energy landscape. In this Special Issue, original research articles and reviews are welcome. Manuscripts may present (but are not limited to) novel technologies and research that address energy sustainability, water treatment, and CO₂ capture, storage, and conversion in various domains in order to move toward a more sustainable future and a better environment. Manuscripts should address the interconnected themes of water, energy, carbon cycle, and climate change.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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