



Sustainable Water Management in the Face of Climate Change and Water Scarcity

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Message from the Guest Editor

Dear Colleagues,

Climate change is presently altering the global water cycle, which, in turn, has a significant impact on the world's freshwater systems and water security. In the face of climate change and water scarcity, sustainable water management is a holistic strategy to address these interconnected challenges, balancing freshwater supplies with demands in a way that ensures that current and future generations have access to water of sufficient quantity and quality.

This Special Issue thus aims to develop sustainable water management strategies to mitigate climate change impacts on global water security, focusing on innovative solutions for resilient freshwater systems, infrastructures, and communities.

- Advancements in water conservation technologies;
- Water governance and policy developments;
- The resilience of urban water, wastewater, and drainage systems to climate change;
- Economic insights in sustainable water management;
- Equity and access in sustainable water resources;
- Participatory water management;
- Risk management and adaptation in water systems;
- Sustainable agricultural practices for water efficiency;
- Waterbody chemical and ecological status





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Message from the Editor-in-Chief

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