# Special Issue

# Relationship of Energy and Water Resource Availability

## Message from the Guest Editor

This Special Issue aims to present recent progress in understanding the relationships between water resource availability and energy production that encompasses both a rapidly changing climate and economic development. Water availability is essential to sustainable energy production. Across the globe, a rapid increase in extreme weather events and a shift in weather patterns signal that the world is facing a changing climate – and negative impacts on water resources as a result. Increasing energy demand compounds impacts on water resources. This Special Issue will cover research and analysis on freshwater availability at regional and global scales; water resource consumption in conventional and renewable energy production; alternative water resource use; competing water use among energy, agriculture, and urban sectors; and socioeconomic effects. These findings, success stories, and lessons learned help in addressing the energy-water nexus in a low-carbon, energy-driven circular water economy. For more details, please see https://www.mdpi.com/journal/water/special_issues/Energy_Water_Resource

## Guest Editor

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## Deadline for manuscript submissions

closed (5 December 2022)

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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

Dr. Jean-Luc PROBST
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