

Special Issue

Comprehensive Evaluation of the Interplay Between Meteorological, Hydrological and Agricultural Droughts Under the Influence of Changing Climate

Message from the Guest Editor

Droughts are complex and persistent natural disasters that impact water resources, agriculture, ecosystems, and economies on global and regional scales. In recent years, climate change has altered the precipitation pattern and intensified the temperature globally. Therefore, understanding the interplay through which meteorological droughts cascade into hydrological and agricultural droughts is extremely critical to comprehend their progression, causative factors, and potential impacts on water resources. This Special Issue focuses on the comprehensive evaluation of meteorological, hydrological, and agricultural droughts and their interplay, emphasizing the recent advancements in remote sensing techniques augmented with in situ modeling and monitoring under the impact of climate change to mitigate its negative impacts. Manuscripts focusing on the development and evaluation of drought indices, developing integrating drought indices, analyzing drought propagation, assessing the contribution of climate change to droughts, etc., are welcome for submission. For more details, please find at: https://www.mdpi.com/journal/water/special_issues/4UM6658X0B

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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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