Special Issue

Assessing the Associated Impacts of Climate Change on Hydrology and Agriculture

Message from the Guest Editor

This Special Issue serves as a comprehensive exploration of the intricate relationships between climatic shifts, hydrological dynamics, and agricultural practices. By bringing together cutting-edge research and diverse perspectives, this collection of articles aims to shed light on the multifaceted challenges posed by climate change and provide valuable insights for mitigating its impacts on water resources and food production. The papers featured in this Special Issue delve into a range of topics, including the changing patterns of precipitation and runoff, the influence of temperature fluctuations on water availability, and the evolving dynamics of crop yields in response to altered climate conditions. Furthermore, contributors examine the vulnerability of different regions to climate-induced hydrological and agricultural changes, offering region-specific analyses and potential adaptation strategies. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/958B1K7MF3

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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

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