Special Issue

Assessment of Extreme Meteorological and Hydrological Events

Message from the Guest Editors

This Special Issue aims to provide an in-depth examination of extreme weather events and their impact on the Earth's atmosphere, climate, and hydrological systems. It will focus on the assessment and analysis of extreme meteorological phenomena, such as hurricanes, heatwaves, heavy rainfall, droughts, floods, and other extreme weather patterns, along with their associated hydrological consequences. This Special Issue will build upon and contribute to the existing body of literature related to extreme meteorological and hydrological events. While numerous studies have been published on individual aspects of extreme events, this collection aims to create a comprehensive synthesis of recent advancements in the field. Overall, we aim to provide researchers, policymakers, and practitioners with a valuable resource for understanding and addressing the challenges posed by extreme meteorological and hydrological events in the context of a changing world. Through this comprehensive examination, this Special Issue will contribute to the advancement of knowledge and inform evidence-based decision making for effective disaster risk reduction and climate change adaptation measures.

Guest Editors

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Deadline for manuscript submissions

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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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