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Remote Sensing Applications to Hydrometeorological Risks in a Changing Climate

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Deadline for manuscript submissions:

15 December 2024

Message from the Guest Editors

Dear Colleagues,

The special issue is dedicated to original research on remote sensing applications for hydro-meteorological risk assessment and management. Published papers will contribute to understanding how remote sensing can advance the state of the art on:

Monitoring, forecasting, and modelling of hydrometeorological hazards, including, but not limited to, heavy rainfall, floods and droughts;

Assessment and management of the impacts of extreme hydrometeorological events on urban, rural and ecological systems, including the monitoring of the recovery processes

Assessment of physical, social, and economic exposure and vulnerability to hydrometeorological hazards and the monitoring of their changes.

We encourage contributions that explore how remote sensing can improve the understanding of the effects of climate change on hydro-meteorological risks and their impacts.



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Special Issue



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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.

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