



Hydro-Meteorology and Its Application in Hydrological Modeling

Guest Editors:

Dr. Khalil Ur Rahman

**Prof. Dr. Amro Mohamed
Elfeki**

Prof. Dr. Jarbou A. Bahrawi

Dr. Muhammad Shahid

Dr. Shuai Chen

Deadline for manuscript
submissions:

closed (1 September 2023)

Message from the Guest Editors

Dear Colleagues,

This Issue will discuss a range of practical applications related to floods, droughts, flow control, environmental impacts, and water resources. The topics of research include (but are not limited to) those listed below:

1. Precipitation estimation from satellite precipitation products;
2. Application and assessment of satellite precipitation products in hydrological modelling;
3. Extreme events;
4. Improved evapotranspiration estimation;
5. Monitoring of soil moisture using satellite products;
6. Flood modeling;
7. Agricultural water management and conservation;
8. Quantification of uncertainty in hydrological modelling;
9. Climate change impact: mitigation and adaptation;
10. Applications of machine learning (ML) in hydro-meteorology.

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Guest Editors





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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