

Special Issue

Observation-Driven Understanding, Prediction, and Management in Hydrological/Hydraulic Hazard and Risk Studies

Message from the Guest Editors

This inter-Journal (*JGJI Water*) Special Issue seeks to promote new and innovative studies, experiences, and models, in an effort to improve water resources management through the implementation of new algorithms, measurement systems, and Earth observation (EO) data. Contributions are solicited that address the challenge of updating and re-inventing the way water resources management and both high resource- and data-intensive processes are carried out. This Special Issue is dedicated to multi(cross/inter/trans)-disciplinary contributions with an operational user-oriented perspective, especially those focused on demonstrating the benefits of drawing upon geo-information data and models and EO sensors for water resources management.

Guest Editors

Prof. Dr. Jan Franklin Adamowski

Faculty of Agricultural and Environmental Sciences, Department of Bioresource Engineering, McGill University, Montréal, QC H3A 0G4, Canada

Dr. Raffaele Albano

Health Science Department, University of Basilicata, Potenza, Italy

Deadline for manuscript submissions

closed (28 February 2021)



Water

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Impact Factor 3.0
CiteScore 6.0



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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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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