Special Issue

Statistical Methods and Hydroinformatics Applied in Water Resources

Message from the Guest Editors

Dear Colleague, Implementation of statistical methods and soft computing techniques enables new possibilities in water resources management. Development of innovative and more efficient solutions based on application of hydroinformatic methods can lead to the achievement of sustainability of water-related goals in the changing environment. Thus, the importance of hydroinformatics as a scientific field that combines hydraulic and hydrologic knowledge is in solving a wider spectrum of various issues in water resources. The main purpose of this Special Issue is to compile a collection of selected original papers presenting the state-of-the-art research on statistical methods and hydroinformatics applied in water resources. We welcome contributions that emphasize and present the latest advances on issues, such as data-driven modelling, application of physically-based simulation methods, virtual and augmented reality, coupling and nesting of different models, development of models' bridging interfaces (either with programming or with existing tools, e.g., GIS) and smart water monitoring systems.

Guest Editors

Dr. Milan Gocić

Prof. Dr. Michael Tritthart

Dr. Charalampos Skoulikaris

Deadline for manuscript submissions

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

mdpi.com/journal/water

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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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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