

Special Issue

Modelling Hydrologic Response of Non-homogeneous Catchments II

Message from the Guest Editor

Hydrological modeling is an essential part of water resources management, planning, and design of water structures. Despite its importance, it is a challenging issue, especially in non-homogeneous catchments (e.g., in terms of geology, karst features, or any other watershed characteristic) with a complex hydrological behavior and response. Various methods of different complexity can be used for hydrological modeling, from relatively simple empirical and lumped models to physically based conceptual and distributed models as well as data-driven models. However, there should always be a balance between model complexity and data availability. This Special Issue calls for research manuscripts focusing on hydrological modeling or other techniques addressing hydrological response of runoff to a given precipitation in non-homogeneous catchments, comparison of the efficiency of different model structures, data resolutions, scales, etc., [...] For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/no_n_homogeneous_catchments2

Guest Editor

Dr. Mojca Šraj

Department of General Hydrotechnics, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions

closed (31 March 2023)



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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

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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