Special Issue

Advances and Challenges in Hydrological Modeling and Engineering

Message from the Guest Editors

Hydrological modeling and engineering are playing an increasing role in tackling climate change and climate variability. Recent developments and advancements in methodology and techniques in hydrological modeling are making great contributions to resolving water-related sustainability issues in society as well as broadening our understanding of the principles governing the hydrosphere. However, there is a strong need to synthesize recent advancements in methodologies, techniques, and theoretical understanding of hydrological modeling at various scales and under different conditions. The aim of this Special Issue is to gather high-quality and novel findings addressing new and advanced aspects of hydrological modeling. such as combined use of hydrological modeling with neural networks, AI, as well as business intelligence (BI) for decision making; seamless and multi-model coupling of different modeling techniques and platforms for increased efficiency; [...]
For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/hydrological_modeling_engineering

Guest Editors

Prof. Dr. Linus T. Zhang
Division of Water Resources Engineering, Lund University, 22100 Lund, Sweden

Prof. Dr. Jorge Alberto Martins
Departamento Acadêmico de Física (DAFIS), Federal University of Technology, Paraná, Londrina, PR, Brazil

Deadline for manuscript submissions

closed (31 May 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/87019

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

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

MDPI