water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 5.8

Application of Data Pre-post Processing Methods for Modeling Hydro-Climatologic Processes

Guest Editors:

Prof. Dr. Vahid Nourani
Center of Excellence in Hydroinformatics and Faculty of Civil Engineering, University of Tabriz, 29 Bahman Ave., Tabriz 5166616471, Iran

Prof. Dr. Hüseyin Gökçekuş
Civil Engineering Department, Faculty of Civil and Environmental Engineering, Near East University, 99138 Nicosia, Cyprus

Deadline for manuscript submissions:
closed (25 February 2022)

Message from the Guest Editors

Understanding hydroclimatic processes (i.e., climate change, floods, droughts, etc.) is a fundamental issue in any water resource engineering study. There are several approaches to modeling hydroclimatic processes, usually categorized into three main groups of physical-based, conceptual, and black-box models, in all of which, the quantity, quality and precision of data are presumed to directly affect the simulation results of the modeling. Ensuring the quality of hydroclimatologic data has become a key issue in this field of study. Each type of data source (e.g., in situ data, radar data, satellite-based data, etc.) can contain noise, outliers, missing values, duplicate data or wrong data, which are unavoidable problems affecting the data collection that should be resolved via appropriate data processing and preparation approach(es). [...]

For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/hydro-climatologic_processes

water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 5.8

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

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.

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 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI