water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.0

Impacts of Climate on Renewable Groundwater Resources and/or Stream-Aquifer Interactions

Guest Editors:

Dr. Francisco Javier Alcalá
Experimental Station of Arid Zones, Spanish National Research Council (EEZA-CSIC), 04120 Almería, Spain

Dr. David Pulido-Velázquez
Department of Research on Geological Resources, Geological Survey of Spain, 18006 Granada, Spain

Dr. Luis Ribeiro
Instituto Superior Técnico, University of Lisbon, Lisbon, Portugal

Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

Dear colleagues,

The evaluation of aquifer recharge is essential to the quantitative evaluation of renewable groundwater resources and stream–aquifer interactions that is required to implement proper water policies at different spatial and temporal scales.

A temporal perspective on how climate influences aquifer recharge and, therefore, renewable groundwater resources and surfacewater–groundwater interactions in general is needed. Current global climatic forces, which include the increasing influence of droughts and floods in different terrestrial latitudes, condition future water resources management policies.

In this broad 'aquifer recharge–climate' framework, studies concerning climate influences on all aquifer recharge types that occur over different aquifer, catchment, and landscape typologies at different spatial and temporal scales of observation are welcome. Studies concerning climate influences on human-induced recharge and/or surfacewater–groundwater interactions are welcome.

For further reading, please visit the Special Issue website

water

IMPACT FACTOR 3.0

CITESCORE 6.0

an Open Access Journal by MDPI

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 (Aquatic Science)

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