water

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 5.5

Impacts of Anthropogenic Activities on Watersheds in a Changing Climate II

Guest Editors:

Prof. Dr. Luís Filipe Sanches Fernandes
CITAB—Centre for the Research and Technology of Agro-Environment and Biological Sciences, Universidade de Trás-os-Montes e Alto Douro, 5001-801 Vila Real, Portugal

Prof. Dr. Fernando António Leal Pacheco
DG-CQVR-UTAD – Department of Geology, Chemistry Research Centre, University of Trás-os-Montes e Alto Douro, Quinta de Prados, 5001-801 Vila Real, Portugal

Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editors

In developed and developing countries, watersheds have been and are still subject to multiple anthropogenic pressures at progressively accelerated paces. Meanwhile, the climate has changed and continues to change. Steadily increasing temperatures and decreasing precipitation in some regions are expressions of this change. The coupled influence of climate change and anthropogenic pressures, including land use changes, continues to produce a significant impact on watersheds, because both circumstances induce an amplification of hydrologic events, namely, floods, droughts, a decline in aquifer recharge, and the deterioration of water quality and ecosystems. The impact includes water erosion, a decline in soil fertility, a shortage of groundwater resources, and a disturbance of ecosystem functions, among others.

The purpose of this Special Issue is to give authors the opportunity to publish retrospective or prospective studies focused on the coupling of climate change and environmental impact assessments at the [...]

For further reading, please follow the link to the Special Issue Website at:

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

water

IMPACT FACTOR 3.4

CITESCORE 5.5

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST
ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, 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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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