



water

an Open Access Journal by MDPI



Hydrological Impact of Typhoon on Rivers

Guest Editors:

Prof. Jr-chuan Huang

Department of Geography,
National Taiwan University

Dr. Tsung-Yu Lee

Department of Geography,
National Taiwan Normal
University, Taipei City 106,
Taiwan

Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editors

Dear Colleagues,

Rivers link terrestrial and marine ecosystems, not only transporting numerous substances downstream, but also shaping landscapes and fostering aquatic ecosystems through the interactions of biogeochemical processes with numerous agents. In this regard, rainstorms are regarded as an episodic, strong trigger that accelerates riverine transport and causes sequestrial effects. Recently, global warming has accelerated water cycling via thermodynamics and thus the frequency and intensity of extreme events have been enhanced. The intensified extreme events inevitably stimulate the response of river systems through sediment and nutrient transport, as well as the associated biogeochemical processes. Those strong impacts on river systems should be comprehensively explored. This issue aims to improve the understanding of rainstorm effects in river systems. Inter- and cross-discipline studies on different watershed scales, linking ecosystem services and on watershed management are particularly welcome.

Prof. Jr-chuan Huang

Prof. Tsung-Yu Lee

Guest Editors



mdpi.com/si/20813

Special Issue



water



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 (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](https://twitter.com/Water_MDPI)