water

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 5.5

Permeable Pavement Systems: Advances and Challenges in Stormwater Management

Guest Editors:

Prof. Dr. Liseane Padilha Thives
Paving Laboratory, Department of Civil Engineering, Federal University of Santa Catarina, Trindade, Florianópolis 88040-900, SC, Brazil

Prof. Dr. Enedir Ghisi
Laboratory of Energy Efficiency in Buildings, Department of Civil Engineering, Federal University of Santa Catarina, Campus Universitario, Trindade, Florianópolis 88040-900, SC, Brazil

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

The rise in precipitation combined with cities' disorderly urbanization process that leads to an increase in impervious surface areas is a challenge that researchers have to face. Moreover, drainage elements and stormwater disposal, in general, are not efficient when it comes to the rainfall intensity that each region requires. Based on these, it is necessary to provide infrastructure changes to minimize the excess of stormwater accumulated on surfaces. On the other hand, in many parts of the world, people suffer due to water scarcity, and harvesting stormwater from porous or permeable pavement systems emerges as an alternative water resource. Climate change, increasing water scarcity, population growth, and disorderly urbanization represent some of the problems to be solved. Research that involves water supply systems can result in many benefits to society and to the Earth. Stormwater and runoff collected from a porous or permeable pavement shows a high potential for use for non-potable water purposes in buildings…

Please view the following link for more information:

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

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