

Special Issue

Hydrologic and Water Quality Performance of Stormwater Best Management Practices

Message from the Guest Editors

Due to emphasis on non-point sources of pollution and their impact on surface and groundwater water quality, various urban stormwater best management practices (BMPs) have emerged as tools to improve the quality of receiving water bodies and to meet corresponding regulations. Through field experience, laboratory research, and modeling, much has been learned about the design, operation, maintenance, and longevity of BMPs. As more information is gained, however, additional questions arise and more knowledge gaps are identified. This special issue seeks to publish studies that seek to fill these knowledge gaps such as, but not limited to, the following:

- Modeling stormwater BMP performance with respect to hydrology, hydraulics, and/or water quality at the site and watershed scales,
- Stormwater capture/harvesting and reuse on a large scale,
- Performance comparisons between tradition stormwater management techniques (pipes/ponds) and green infrastructure / low impact development / sustainable urban drainage systems.[...]

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

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

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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