

Special Issue

Stormwater Management and the Environmental Impact of Building Materials

Message from the Guest Editor

Sustainable environmentally sound construction and integrated stormwater management are the major trends of the future in urban areas. The aims are to make buildings more environmentally friendly and to close urban water cycles. Long-lasting buildings typically perform best in the sense of sustainability. Water-sensitive infrastructures reduce runoff, foster infiltration and separately discharge stormwater into waterbodies.

Knowledge of rain-driven occurrence in aquatic systems allows the development of source-oriented or decentralised downstream measures. Effective solutions need the interdisciplinary collaboration with manufacturers, architects and engineers.

In the intended special issue, research are to be presented dealing with the release of substances from building materials, the interaction between buildings and the aquatic environment, stormwater management, and pathways of input. The topics range from building products, best practice, treatment concepts, monitoring, modelling, environmental risk assessments to concepts of labeling water-relevant emissions. All contributions are welcome to foster future cities more sustainable and reduce aquatic impact.

Guest Editor

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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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