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Research on Urban Runoff Pollution

Guest Editor:

Dr. Marie-Christine GromaireEcole des Ponts ParisTech /
Leesu, Paris, France

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Message from the Guest Editor

Urban runoff is known to be a significant contributor to the diffuse pollution of aquatic environments. While it has already been largely investigated for its SS, nutrients, metals, and hydrocarbon contents, knowledge on runoff as a source of emerging micropollutants remains scarce. In order to improve runoff pollution management, clear insight into pollutant loads, their sources of emission, their speciation, and the nature of carrier phases in the runoff is needed.

This Special Issue aims at gathering new knowledge on the following:

- Pollutants of emerging interest or insufficiently documented organic or mineral micropollutants, plastiques, and microbiological contaminants
- Main sources of the contaminants, emission factors, classification of urban surfaces in view of their pollution potential, and substance flow analysis
- Speciation of micropollutant, characteristics of carrier phases in the runoff, and factors affecting the fate of the pollutant in the management system







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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, 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 technological scientific domains and interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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