

Special Issue

Evaluation of Invertebrates in Drinking Water Networks

Message from the Guest Editor

Drinking water quality is threatened by raw water contamination as well as by the insufficient biological water stability during distribution in drinking water networks. This includes the outflow of organic carbon (DOC, organisms) and methane from water treatment plants and the growth of biofilm and, of high significance, the development of a pipe invertebrate community. Most pipe inhabitants found in drinking water systems are typical freshwater organisms that do not occur in raw water and are also therefore not typical for drinking water treatment filters. Harmful species are water lice, snails, chironomids, worms (oligochaetes, nematodes), water fleas, ciliates, and naked amoebae, among others. Macroinvertebrate introduction into drinking water networks is rare; the main problem is growth, propagation, and mass development of introduced species [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/drinking_water_networks

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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